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Lancaster Farming

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Pa. to fund studies of manure/energy farmer co-ops

Is it feasible?

See editorial on Page A10

Is it feasible for several farmers to get together in a co-op and pool their manure for utilization in a centralized methane digester to generate electrical power?

From a technological and possibly an economical standpoint it is feasible, according to a representative of the firm that designed and installed the digester system for Turkey Hill Dairies in Lancaster County -- the first ag bio-gas system which has regularly sold power back to a utility in Pennsylvania.

"We have found that the system does provide a cash flow at the present rate of sell-back of power to the utility," said Larry Pluta, of RCM (Resource Conservation Management.)

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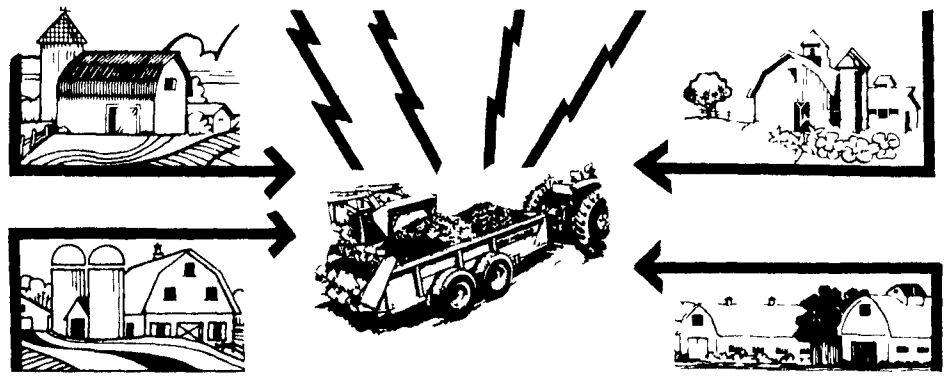

Under energy co-op proposal, manure from several farms would be collected, instead of spread on fields, and utilized in a centralized methane digester for the generation of electrical power to be sold back to utility.

HARRISBURG — Pennsylvania is seeking to fund some studies to determine if farmers can get together to form a new type of co-op – one in which they pool their manure in a joint venture to generate energy through a cooperative methane digester system.

A total of $35,000 is being made available through the Governor's Energy Council to finance such studies to determine if it is feasible of having anerobic digester systems which would utilize animal wastes from more than one farm.

The deadline for proposals to conduct such studies under the Council's cost-sharing funding program is March 9.

Under the program, the Council will provide a maximum contribution of $10,000 or 80 percent of the total cost of a study, whichever is less. Applicants must provide a minimum of 20 percent of the total cost of any study.

Recognizing that such digester systems already in operation in the state are found on large farms, such as Mason-Dixon in Adams County and Oregon and Turkey Hill dairies in Lancaster County, the chief purpose of the studies is to encourage the development of cooperative digester projects among smaller farmers whose animal herds by themselves would not support a project alone.

The Governor's Energy Council lists three main advantages of the co-op digester projects for farmers.

First, they could produce a significant share of their own energy needs.

Second, continuing income could be gained from the sale-back of energy to a utility.

Third, digesters help reduce nutrient run-off problems resulting from customary waste disposal on the land.

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Beef cattle outlook for 1984 is positive

BY LAURA ENGLAND

LANCASTER — The beef cattle industry is experiencing some changing times, but economic factors are positive and 1984 should be a fairly good year for Pennsylvania cattleman, according to a Penn State Extension meats specialist.

This was the outlook given by William Henning, one of four beef specialists speaking at the Lancaster County Cattle Feeder's Day Tuesday. "We're in some changing times and even the economists would agree," Henning said, "but all factors of the economy look positive now."

Although not an economist himself, Henning predicted, through studying demand and supply factors, that the first quarter of 1984 will show the strongest beef prices. The average should be close to $70 per hundredweight, he said.

The second quarter will be somewhat lower, with prices in the mid 60's. A backup of feeder cattle

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Speaking to the 150 cattlemen attending the Lancaster Cattle Feeder's Day were, from left, Les Burdette, Penn State Extension beef specialist; J. Paul Espy, cattle feeder and Pa. Beef Council president; William Henning, Penn State Extension meats specialist; and Dr. Tom Drake, Penn State Extension veterinarian.

Lancaster Farm & Home directors

Newly-elected directors of the Farm and Home Foundation of Lancaster County are, from the left, Robert C. Groff, Quarryville; Darvin E. Boyd, Akron; Mrs. Orpha Graybill, Lititz; Mrs. Evelyn Hess, Lancaster; Kenneth Rutt, Quarryville; Robert Gregory, Lititz; and George Lewis, Mount Joy. See story on A24.

Poultrymen take Avian funds appeal to Washington hearing

BY LAURA ENGLAND

WASHINGTON, D.C. — Pennsylvania poultrymen battling the worst outbreak of avian influenza in the country, crowded into a U.S. Senate hearing room Thursday seeking additional federal aid to compensate for mounting bird losses.

Over 100 Lancaster County poultrymen were part of a standing-room-only crowd seeking an additional $61 million to meet the fair market value of the over 10 million birds slaughtered to eradicate the disease. The additional funds would cover the fair market value based on current egg and feed markets and the productive life of the birds.

According to Pennsylvania Sen. John Heinz, testifying on behalf of the poultrymen, the "fair market value is the only solution" to the financial needs of the farmers.

"The Pennsylvania farmers are only asking what the law mandates and that's fair market compensation," Heinz said.

Without fair market value, Heinz added, he sees no future for the state's poultry industry. Other funding sources, such as low interest loans, have been considered, he said, but are not viable solutions because poultrymen "can't bear the burden of loan payments."

"Equity demands fair market value," Heinz said as he cited the USDA fair market program for the 1972 Newcastle outbreak in California. At that time, poultrymen received supplemental funds as well as the fair market value for their birds, he said.

The hearing Thursday came at a critical time with the decision to eradicate all birds associated with the Pennsylvania avian flu virus, said U.S. Sen. Arlen Spector, R-Pa.

The USDA announced Wednesday its decision to depopulate all poultry flocks infected by the H5 strain of the virus which has hit the state's poultry industry.

Heinz, who met earlier with Sen Spector and assistant Secretary of Agriculture C.W. McMillan, expressed his concerns of the decision to eradicate all low and high pathogenic flocks.

"It needs to be proven beyond reasonable doubt," he said, "that the mild strain must be eradicated

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Livestock market and auction news

Lancaster Market

Monday, Jan. 23
Report Supplied By USDA

	Cattle	Calves	Hogs	Sheep
Today	992	104	633	219
Last Monday	1303	113	953	356
Last Year	858	139	998	144
Monday's Auction	1097	113	651	241
Last Monday's Auction	1245	158	951	391

CATTLE: Compared to last Monday slaughter steers 50-1.00 higher; heifers 50-1.00 higher; cows mostly steady; bullocks fully steady, instances 1.00 higher; bulls uneven, bulk of the supply yield grade 2 steady, small supply yield grade 1 50-1.00 higher. Supply included 62% steers, 12% heifers, 17% cows, and 9% bulls.

SLAUGHTER STEERS: Few high Choice and Prime 1180-1325 lb. 72.85-73.50, 12 head 73.60-74.25; Choice 2-4 1100-1375 lb. 69.00-72.00, few 72.00-72.50; high Good and low Choice 2-3 66.00-69.00; Good 2-3 62.75-67.00; Holsteins, Choice 1200-1400 lb. 56.00-59.00, Good 1200-1460 lb. 52.25-55.75, Standard 48.00-52.00.

SLAUGHTER HEIFERS: Choice 2-3 900-1220 lb. 68.00-71.00; couple Choice and Prime mostly 3 1050-1200 lb. 72.00-73.75; Good 2-3 850-1050 lb. 61.25-65.50.

COWS: Breaking Utility and Commercial 2-4 39.00-41.50, few 41.50-43.00; Cutter and Boning Utility 1-3 35.50-39.00, few 39.00-41.00; Canner and low Cutter 33.00-36.00.

BULLOCKS: Choice 1075-1300 lb. 60.50-64.50; Good 1000-1200 lb. 53.00-58.50, few 59.00-61.00.

BULLS: Yield grade 1 1400-2000 lb. 51.00-55.00, couple 55.00-55.75, four head 2150-2465 lb. 50.25-54.75; yield grade 2 1100-1700 lb. 44.00-49.50.

VEAL CALVES: Vealers firm, few sales high Good and low Choice 90-115 lb. 2.00-5.00 higher; slaughter calves steady. Demand fair for Holstein bulls to return to farm. Supply included one lot Prime special fed 340 lb. bought to arrive at 124.00.

VEALERS: Choice 140-300 lb. 95.00-110.00; high Good and low Choice 160-300 lb. 75.00-95.00, 140-160 lb. 65.00-75.00, 115-140 lb. 55.00-70.00, 90-115 lb. 50.00-58.00, 70-85 lb. 35.00-50.00.

SLAUGHTER CALVES: Good and Choice 150-600 lb. 50.00-55.00, few 150-300 lb. 55.00-60.00.

RETURNED TO FARM: Bulk 90-120 lb. Holstein bulls 75.00-90.00.

SHEEP: Wooled lambs firm to 5.00 higher; slaughter ewes steady. Supply included around 100 goats.

WOOLED LAMBS: High Choice and Prime 90-110 lb. 68.00-70.00; Choice 80-105 lb. 60.00-68.00; Good 60-90 lb. 55.00-60.00, few 60-85 lb. sold as feeders 50.00-55.00; around 25 head Choice 45-60 lb. new crop lambs 70.00-85.00.

SLAUGHTER EWES: Utility and Good 15.00-32.00, mainly 20.00-30.00.

GOATS: All goats sold by the head; large mature goats 50.00-60.00, couple 60.00-65.00; medium 35.00-50.00; kid goats 25.00-30.00.

Vintage Auction

Tuesday, Jan. 24
Report supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	841	711	12	0
Last Tuesday	1059	749	9	0
Last Year	930	786	5	2

CATTLE: Compared to last Tuesday slaughter steers 1.00-2.00 higher, slaughter heifers not fully tested; cows firm to mostly 1.00 higher, although late sales only steady; bullocks and bulls 1.00-2.00 higher. Supply included 42 percent slaughter steers and 50 percent cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1200-1450 lb. 72.75-74.50, few 74.50-75.50; Good and Choice 1-2 1100-1400 lb. 72.00-74.50, few 74.50-75.85; Choice 2-4 1100-1470 lb. 68.75-73.25, mainly 70.00-72.75; high Good and low Choice 2-3 67.50-70.00; few Good 2-3 64.00-67.00.

SLAUGHTER HEIFERS: Few Choice 2-3 1100-1165 lb. 70.25-71.75; Good 2-3 940-1225 lb. 62.00-68.50.

COWS: Breaking Utility and Commercial 2-4 39.50-43.50, few 43.50-44.25; Cutter and Boning Utility 1-3 36.75-41.50, several 41.75-42.75, couple 43.00-44.00; Canner and low Cutter 33.00-37.00.

BULLOCKS: Few Choice 1200-1350 lb. 58.00-60.00; few Good 1050-1300 lb. 51.60-58.00.

BULLS: Yield grade 1 1200-1700 lb. 52.25-57.50, couple 59.85-62.10, individual 2555 lb. 52.00.

VEAL CALVES: Vealers firm to 3.00 higher. Supply included 520 in graded sale of which 72 percent sold to return to farm.

VEALERS: Few Choice 140-250 lb. 86.00-100.00; high Good and low Choice 140-300 lb. 60.00-85.00, 115-140 lb. 55.00-65.00, 80-115 lb. 54.00-60.00, 60-75 lb. 47.00-51.00.

RETURNED TO FARM: 30 head 100-120 lb. Holstein heifers 72.00-73.00; 16 head 90-95 lb. 60.50. 25 head 120-125 lb. Holstein bulls 97.00; 165 head 100-115 lb. 111.00-115.00; 35 head 90-95 lb. 102.00-104.00; 25 head small frame 110-120 lb. 98.00-104.00 and 85 head small frame 90-105 lb. 57.00-72.00.

SHEEP: Insufficient volume for a market test; few Utility and Good slaughter ewes 19.00-27.00.

Lancaster Auction

Wednesday, Jan. 25
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	300	27	567	20
Last Wednesday	136	9	605	16
Last Year	220	15	503	0
Wednesday's Auction	254	32	490	9
Last Wednesday's Auction	104	9	653	9

CATTLE: Small supply all classes mostly steady

SLAUGHTER STEERS: Choice 2-4 1150-1375 lb. 68.75-71.50, couple 72.25-72.50; high Good and low Choice 2-3 1100-1450 lb. 65.75-68.75; Good 2-3 1100-1350 lb. 61.50-66.00; couple Choice 1280-1435 lb. Holsteins 55.75-58.75, few Standard 940-1035 lb. 40.75-45.00.

COWS: Breaking Utility and Commercial 2-4 40.00-41.50, couple 42.25-44.00; Cutter and Boning Utility 1-3 36.50-39.75, couple 40.00-41.75; Canner and low Cutter 34.00-36.50.

BULLS: Three head yield grade 1 2370-2555 lb. 48.50-51.25, individual 1670 lb. 52.25.

VEAL CALVES: Supply mainly high Good and low Choice 80-115 lb. vealers selling at 35.00-55.00; few 95-120 lb. Holstein bulls returned to farm at 75.00-90.00.

SHEEP: Few Good 60-90 lb. wooled lambs 50.00-55.00.

New Holland Livestock

Thursday, January 26
Report supplied by USDA

CATTLE: 1260. Compared to last Thursday slaughter steers uneven, high Choice and Prime not tested, Choice firm, instances .50 higher, Good to low Choice weak to .50 lower; slaughter heifers steady; cows 1.00-2.00 lower, instances 3.00 lower; bullocks steady, yield grade 1 bulls 1.00-2.00 higher; yield grade steady. Supply included 34 percent slaughter steers, 6 percent slaughter heifers, 51 percent cows and 9 percent bulls.

SLAUGHTER STEERS: Choice 2-4 1050-1400 lb. 68.50-71.75, few 71.75-72.10, couple high Choice and Prime 3-4 1400-1500 lb. 71.75-73.00; high good and low Choice 2-3 1000-1375 lb. 65.00-68.50; Good 2-3 61.00-65.00; few Choice 1200-1400 lb. Holsteins 55.75-57.75, couple 59 75-62.00; Good 1100-1350 lbs 51 00-55.00.

SLAUGHTER HEIFERS Choice 2-3 950-1150 lbs. 61 00-64 00, couple high Choice and Prime 3 1100-1200 lb. 67.25-69.00; few Good 900-1075 lb. 52.00-58.50.

COWS: Breaking Utility and Commercial 2-4 39.00-41.50, few 42.00-44.25; Cutter and Boning Utility 1-3 36.50-39.50, several mainly early sales 39.50-41.50; Canner and low Cutter 33 50-37.00, few 30.00-33.50

BULLOCKS: Choice 1050-1400 lb 60.00-62.00, couple 62.50-64.00; Good 1000-1350 lb. 52.00-58.50.

BULLS: Yield grade 1 1300-1800 lb. 52.00-55.00, few 56.00-58.50; yield grade 2 1000-1350 lb 45.50-50.00.

VEAL CALVES: 644. Vealers steady to 3.00 lower; slaughter calves 5.00-8.00 lower Demand good for Holstein bulls to return to farm.

VEALERS· Choice 180-350 lb. 88.00-104.00, few 104.00-109.00, individual Prime 305 lb. 126.00; high Good and low Choice 160-300 lb. 80.00-95.00, 110-160 lb. 60.00-85.00, 80-115 lb. 47.00-55.00, few 60-80 lb. 42.00-50.00.

SLAUGHTER CALVES: Good and Choice 250-450 lb. 38.00-50.00, few Standard 170-500 lb. 26.00-38.00.

RETURNED TO FARM: Bulk 100-125 lb. Holstein bulls 95.00-106 00, few 107.00-114.00, several 85-105 lb. 65.00-90.00.

SHEEP: 9. Insufficient volume for a market test.

GOATS: 45. All goats sold by the head, mainly 20.00-45.00, eight heat 48 00-54.00, with few kids 7.00-19 00

Lancaster County Weekly

Friday, January 27

	Cattle	Calves
This Week	3700	1500
Last Week	3691	1357
Last Year	3302	1425

CATTLE: Slaughter steers uneven, Choice and Prime steady, although high Choice and Prime not tested late, Good and low Choice weak to .50 lower; slaughter heifers steady; cows closed 1.00-2.00 lower, extremes 3.00 lower; bullocks steady; Yield Grade 1 bulls 1.00-2.00 higher, Yield Grade 2 steady. Supply included 43 per cent slaughter steers, 7 per cent slaughter heifers, 26 per cent cows, 7 per cent bulls, with the balance feeders.

SLAUGHTER STEERS: High Choice and Prime 3-4 1180-1450 lbs. 72.75-74.50, few 74.50-75.50; Good and Choice 1-2 1100-1400 lbs. 72.00-74.50, few 74.50-75.85; Choice 2-4 1100-1470 lbs. 68.50-72.00, few mainly early part of week 72.00-73.25, high Good and low Choice 2-3 65.00-69.00, Good 2-3 61.00-67.00; Choice 1200-1400 lb. holsteins 55.75-59.00, couple head 59.50-62.00; Good 1200-1460 lbs. 51.00-55.75, Standard 48.00-52.00.

SLAUGHTER HEIFERS. Choice 2-3 900-1220 lbs. 64.00-71.00; few Choice and Prime moslty 3, 1050-1200 lbs. 71.75-73.75; Good 2-3 850-1050 lbs. 58.00-66.00.

COWS: Breaking Utility and Commercial 2-4 39.00-43.50, few early part of week 43.50-44.25, Cutter and Boning Utility 1-3 36.50-39.50, several 40.00-42.75, Canner and low Cutter 33.00-37.00, few 30.00-33.00.

BULLOCKS: Choice 1050-1400 lbs. 58.00-62.50, couple 62.50-64.50; Good 1000-1350 lbs. 51.50-58.50.

BULLS: Yield Grade 1 1300-2000 lbs. 51.00-55.00, few 55.00-58.50, couple 59.00-62.10, 10 head 2150-2555 lbs. 48.50-54.75; Yield Grade 2 1000-1350 lbs. 44.00-50.00.

VEAL CALVES: Vealers uneven, closing steady to 3.00 lower, few sales slaughter calves late 5.00-8.00 lower. Demand good for holstein bulls to return to farm.

VEALERS: Choice 140-350 lbs. 88.00-104.00, few 104.00-110.00, individual Prime 305 lbs. 126.00; high Good and low Choice 160-300 lbs. 75.00-95.00, 120-160 lbs. 60.00-85.00, 80-115 lbs. 47.00-60.00, 60-75 lbs. 35.00-51.00.

SLAUGHTER CALVES: Good and Choice 250-450 lbs. 38.00-55.00, few 150-300 lbs. 55.00-60.00, Standard 170-500 lbs. 26.00-38.00.

RETURNED TO FARM: Few 100-120 lb. holstein heifers 70 00-73.00; bulk 100-125 lb. holstein bulls 95.00-115.00, several 85-105 lbs. 57.00-90.00.

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AUCTIONS

MONDAY
9:00 A.M — Slaughter Bulls, Heifers, Steers, Cows
11.00 A M — Veal Calves, Lambs, Hogs
TUESDAY
10.00 A.M — Slaughter Hogs
1.00 P.M — Feeder Pigs
WEDNESDAY
10:00 A.M.— Slaughter Bulls, Heifers, Steers, Cows
11:00 AM.— Veal Calves, Lambs, Hogs
FRIDAY
11 00 A M — Stocker and Feeder Cattle
SATURDAY
9 30 A M —Slaughter Hogs

ANNOUNCEMENT
Starting Wednesday February 15th The Slaughter Sale Will Be Featuring Weekly A Load Lot Sale (5 or More) At 12 Noon
A Weekly Gift For The Individual Receiving The Highest Price Per Lot Sold
The Regular 10 AM Sale Will Remain The Same

LANCASTER STOCKYARDS, INC.
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Get calves in early. We start to grade and weigh at 2:00.
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GREEN DRAGON MARKET & AUCTION
RD No. 4 Ephrata, Pa. 717-738-1117
1 mile North of Ephrata on N. State St.
Out of State Buyers - Cash or Certified Check Only

LEBANON VALLEY LIVESTOCK MARKET, INC.
1 mile East of Fredericksburg along Route 22
PHONE: JONESTOWN 865-2881
Sale every Tuesday at 1 30 P M starting with feeder cattle and pigs
Also Hay Sale every Tuesday at 12 30

HOG MARKETS

Lancaster Hogs
Lancaster Stockyards
Monday, January 23
Report supplied by USDA

HOGS: Compared to last Wednesday barrows and gilts 1.00 higher.

BARROWS AND GILTS: US 1-2 205-250 lb. 53.35-54.00, few 54.00-54.50. US 1 210-245 lb. 55.00-56.00. US 1-3 210-270 lb. 52.00-53.50, 190-210 lb. 50.00-52.25.

Tuesday, January 24

Today	143
Last Tuesday	389
Last Year	353

TREND: The small supply barrows and gilts did not fully test trends, few sales 1.00-2.00 lower.

BARROWS AND GILTS: US 1-2 210-250 lb. 51.50-52.50. US 1 few 210-235 lb. 53.00.

Wednesday, January 25

HOGS: Compared to Tuesday barrows and gilts weak to .50 lower.

BARROWS AND GILTS: US 1-2 210-250 lb. 51.00-52.00. US 1 few 210-235 lb. 52.50-53.00. US 1-3 210-260 lb. 50.00-51.00, few 250-280 lb. 48.75-50.50.

Lancaster Feeder Pigs
Tuesday, January 24
Report supplied by USDA

Today	447
Last Tuesday	749
Last Year	835

TREND: Compared to last Tuesday small supply feeder pigs 10.00-15.00 higher. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 15 head 26-36 lbs. 102.00-107.00; 54 head 40-49 lbs. 79.00-86.00; 213 head 50-59 lbs. 72.00-81.00; 31 head 64 lbs. 78.00; 57 head 60-69 lbs. 62.00-67.00.

US 2-3: 11 head 37 lbs. 92.00.

New Holland Hogs
Monday, January 23
Report supplied by USDA

Today	1485
Last Monday	1937
Last Year	1172

Compared to last Monday barrows and gilts 2.00-2.25 higher.

BARROWS AND GILTS: US 1-2 205-250 lb. 53.75-54.60, late mainly 53.75-54.10. US 1 210-245 lb. 56.50-57.10, couple 57.25-57.75, one lot 197 lb. 55.25. US 1-3 220-260 lb. 53.50-54.00.

Lancaster Hogs
Lancaster Stockyards
Saturday, January 21
Report supplied by auction

750 head.

US 1 220-260 lbs. 54.00-55.00, 66 head from 55.25-56.00, 8 head from 56.25-57.00; US 1 & 2 220-250 lbs. 53.00-54.00; Hogs 192-210 lbs. 49.00-52.50; Sows of all weights 35.00-39.00.

Vintage Hogs
Vintage Sales Stables
Saturday, January 21
Report supplied by auction

US 1 & 2 220-247 lbs. 53.75-56.25; US 2 & 3 202-248 lbs. 53.00-53.50; Lightweight 190-192 lbs. 48.25-52.00; Sows 300-585 lbs. 43.00-47.25; Boars 520-535 lbs. 33.00-33.25.

Indianapolis Hogs
Thursday, January 26
Report supplied by USDA

1200. Barrows and gilts fairly active, .50 lower, instances .75 off.

BARROWS & GILTS: US 1-2 215-250 lb. 49.50-50.00, 20 head 50.25, numerous sales 50.00.

SOWS: Slow, 1.00-4.00 lower, most decline on weights under 500 lb. (10%) US 1-3 400-500 lb. 41.00-45.50, mostly 42.00-45.00, lot 660 lb. 49.00.

BOARS: Few 300-600 lb. 33.00-35.00; few under 250 lb. 41.00.

St. Louis Hogs
Thursday, January 26
Report supplied by USDA

5000. Barrows and gilts moderately active early, slow late; .50-1.00 lower.

BARROWS & GILTS: US 1-2 220-260 lb. 49.50-50.00; 200-220 lb. 49.00-49.50. US 1-3 200-260 lb. 48.00-49.00, few 260-270 lb. 47.00 to mostly 47.50.

SOWS: Under 500 lb. .50-1.00 lower; over 500 lb. 2.00 lower. (About 10%) US 1-3 300-500 lb. 42.50-43.00, over 500 lb. 47.00-49.00.

BOARS: Over 250 lb. 38.00; under 250 lb. 42.00.

Peoria Hogs
Thursday, January 26
Report supplied by USDA

3500. Barrows & gilts moderate, opening .50 lower.

BARROWS & GILTS: US 1-2 220-240 lb. 49.50-50.00, 49.00; 200-220 lb. 48.50-49.50. US 1-3 200-260 lb. 47.50-48.50.

SOWS: Weak to mostly 1.00 lower. (14%) US 1-3 350-450 lb. 42.00-43.00, mostly 42.50-43.00; 400-500 lb. 46.00-46.50; 500-650 lb. 47.00-47.50, few 48.00.

New Holland Feeder Pigs
Wednesday, January 25
Report supplied by USDA

Today	513
Last Wednesday	593
Last Year	657

TREND: Compared to last Wednesday feeder pigs 10.00-20.00 higher. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 46 head 30-39 lbs. 90.00-102.00; 64 head 42-47 lbs. 102.00-112.00; 55 head 40-49 lbs. 83.00-91.00; 51 head 50-54 lbs. 87.00-95.00; 54 head 60-69 lbs. 65.00-78.00.

US 2-3: 16 head 31-33 lbs. 70.00-84.00; 24 head 41-46 lbs. 76.00-84.00; 15 head 54 lbs. 64.00; 32 head 65-67 lbs. 55.00-60.00; 16 head 70-79 lbs. 50.00-56.00.

Belleville Auction
Belleville, Pa.
Wednesday, January 25
Report supplied by PDA

CATTLE 143. Compared with last Wednesday's market, slaughter cows steady to .50 lower. Few Standard slaughter steers 48.00-53.10. Few Standard slaughter heifers 45.25-50.50. Breaking Utility and Commercial slaughter cows 37.60-41.60, couple 42.00, Cutter and Boning Utility 36.75-40.00, Canner and Low Cutter 33.25-36.75, Shells down to 28.50. Few Yield Grade #2 850-1665 lbs. slaughter bulls 38.75-48.85.

CALVES 213. Individual Choice vealer at 84.00, few Good 75.50-81.00, Standard and Good 70-105 lbs. 49.00-57.00, Utility 60-90 lbs. 40.00-50.00.

FARM CALVES: Holstein Bulls 90-130 lbs. 70.00-100.00, couple 105.00.

HOGS 319. Barrows and gilts .50-1.00 higher. US No. 1-2 210-250 lbs. barrows and gilts 51.85-52.75, No. 1-3 2-250 lbs. 50.25-51.60. US No. 1-3 325-580 lbs. sows 36.25-44.25, few Medium 2-250 lbs. 25.25-33.00. Boars 27.25-36.75.

FEEDER PIGS 210. US No. 1-3 20-35 lbs. feeder pigs 13.50-24.50 per head, No. 1-3 35-50 lbs. 18.50-32.50, No. 1-3 60-80 lbs. 35.00-41.50 per head.

SHEEP 5. Not enough of any one class to establish a market. FEW HOLSTEIN DAIRY COWS $510-$900 PER HEAD.

U.S. Inspected Livestock Slaughter

Estimated Livestock Slaughter Under Federal Inspection
First Four Days

	CATTLE	CALVES	HOGS	SHEEP
Week to Date (Est.)	546,000	49,000	1,239,000	105,000
Same Period Last Week (Est.)	530,000	48,000	1,268,000	103,000
Same Period Last Year (Act.)	512,000	41,000	1,215,000	100,000

Chicago Grain Futures

(Closing Bids as of Thursday, January 26

Mo.	Corn	Wheat	Soybeans	Soybean Meal
Jan.			7 27¼	194.50
Mar.	3.28¼	3.31¼	7.25¾	192.40
May	3.31¾	3.33¾	7.41¾	195.50
July	3.31¾	3.32½	7.53¼	198.40
Aug.			7.50½	198.00
Sept.	3.04½	3.40	7.27¼	194.50
Oct.				192.20
Nov.			7.13½	
Dec.	2.89½	3.55		193.70

Trends - Corn - sideways; Soybeans - weaker; Wheat - sideways; Soybean Mean - weaker.

Market Provided by Merrill-Lynch Commodities, York

Futures Trading

(Closing Bids as of Thursday, January 26)

Mo.	Chicago Cattle	Chicago Hogs	NY Maine Potatoes
Feb.	68.25	52.22	
Mar.			5.20
Apr.	66.10	48.17	5.81
May			6.27
June	65.95	53.82	
July		54.92	
Aug.	64.62	54.67	
Oct.	62.62	51.90	
Dec.	63.60	53.20	

Trends - Cattle - stronger; Hogs - sideways; Potatoes - stronger.
Market Provided by Merrill-Lynch Commodities, York

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Now you have a choice of marketing your fat hogs on any one of 4 days a week through Walter M. Dunlap and Sons.

The starting times for each day are as follows: Monday at 1 P.M., Tuesday at 10 A.M., Wednesday at noon and Saturday at 10 A.M.

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For market information contact Ken Smoker or Ollie Nagle at 717-397-5136.

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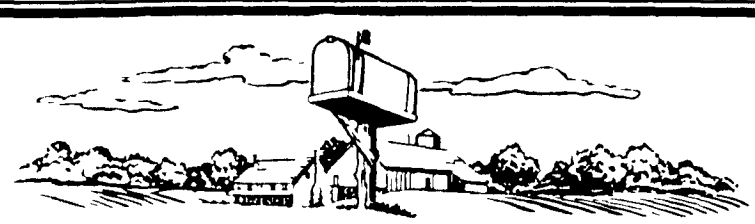

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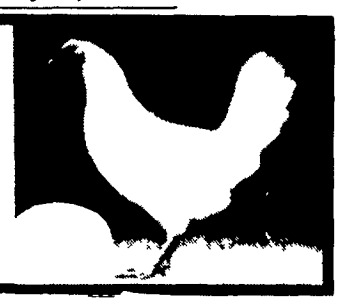
POULTRY MARKETS



N.E. Weekly Shell Egg Report

Tuesday, January 24
Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS.X	1.29-1.31	1.28-1.30	1.22-1.24	1.01-1.03
Mostly	1.29	1.28	1.22	1.01
N. HAMP.	1.22-1.26	1.20-1.24	1.14-1.18	93-97
Mostly	1.24-1.25	1.22-1.23	1.16-1.17	95-96
R.I.	1.23-1.29	1.21-1.27	1.15-1.21	94-1.00
Mostly	1.23-1.26	1.21-1.24	1.15-1.18	94-97
VERMONT	1.18-1.25	1.15-1.20	1.08-1.15	
Mostly	1.20	1.18	1.10	
MAINE	1.29-1.34	1.27-1.32	1.21-1.26	1.00-1.05

X Includes Central and Western Sections only.

Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification		DATE Jan. 24 Tuesday	DATE Jan. 26 Thursday
Class 1 - Large	48 lbs.	1.05	1.03
Class 2 - Large	45 lbs.	1.03	1.02
Class 3 - Medium	42 lbs.	1.00	1.00
Class 4 - Small	39 lbs.	.90	.90
Breaking Stock	48 lbs.	.94	.96
Checks	48 lbs.	.87	.89

Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, January 24
Report supplied by auction

RABBITS: 4-6 lbs. range 1.00-1.48 per lb.

RABBITS: 7-12 lbs. range .80-.96 per lb.

BUNNIES: range .50-1.50 ea.

GUINEA PIGS: range .50-2.25 ea.

GOATS: range 25.00-29.00 ea.

TOTAL NUMBER COOPS: 140.

New York Multiple Drop Broiler Report

Thursday, January 26
Report supplied by USDA

Current broiler/fryer negotiated prices for immediate delivery includes mostly multiple-drop shipments to New York City from Delmarva.

RANGE: U.S. Grade A .62-.70; Weighted AVG.: U.S. Grade A 66.99; Premium (X) Boxes 9,320.

(X) Includes special services, selected competitive brands, etc.

Delmarva Poultry

Thursday, January 19
Report supplied by USDA

Market Comment: Ready to cook movement on whole birds is no better than fair and has slowed down in most quarters. Most plants easily fill order and have some additional products available, but a few still remain in a more favorable balance. Movement on parts is light and unaggressive with the only improved call noted on leg quarters for next week's shipment.

Overall slaughter is light as an occasional plant is closed and some others are cutting back on their kill. In addition, some downtime is scheduled for tomorrow. Live supplies are light to adequate. Weights remain light in most quarters. Undertone is weak.

Today's L.T.L. asking prices are .01-.02 lower on U.S. Grade A at 62-69 cents.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 1/26 1,499; Actual 1/19 1,751; Actual 1/24 1,588; Average Weights 1/24 4.13; Average Weights 1/17 4.11.

Eastern Pa. & N.J. Poultry

Wednesday, January 25
Report supplied by USDA

Market Comment: Pricing is generally unchanged but a sharp price differential does exist on birds being slaughtered in the quarantine area compared to those outside the area. Current schedules are limited due to availability of live birds.

Prices Paid at Farm:
Light Type Hens: 23-24.
F.O.B. Plant: 27-28.

Weekly New York Egg Market

From Friday, January 13 to Thursday, January 19

		Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE						
Jumbo		1.21	1.21	1.21	1.21	1.21
Ex Large		1.20	1.20	1.20	1.20	1.20
Large		1.19	1.19	1.19	1.19	1.19
Mediums		1.17	1.17	1.17	1.17	1.17
Pullets		1.00	1.00	1.00	1.00	1.00
Off Grade		1.11	1.11	1.11	1.11	1.11
BROWN						
Jumbo		–	–	–	–	–
Ex Large		1.28	1.28	1.28	1.28	1.28
Large		1.26	1.26	1.26	1.26	1.26
Mediums		1.20	1.20	1.20	1.20	1.20
Pullets	Unquoted					
Peewees	Unquoted					
Off Grade						
Undergrades		.80	.80	.82	.83	.85
Checks		.78	.78	.80	.81	.83

Breaking Stock: Friday - 27.00-27.90, 27.90-28.50; Tuesday - 27.60-28.50, 28.50-29.40; Thursday - 28.20-28.50, 28.50-29.70.

Philadelphia Eggs

Thursday, January 26
Report supplied by USDA

MARKET COMMENT: Prices unchanged. Cartoned egg movement is very irregular. While orders vary between light and heavy, most all dealers indicate that their weekly volume has dropped compared to last week. Jumbos and extra large are in excessive needs but some local featuring helps keep the supply in better balance in some quarters. Large are generally no more than adequate. Some inquiry is noted for class 1's, but this can be filled if buyers are willing to pay normal relationships and not necessarily look for a discount. Mediums are adequate with additional lots of graded loose available. Undertone unsettled.

Prices to retailers: sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large 1.16-1.18; A Large 1.15-1.17; A Medium 1.12-1.14.

New Holland Hay

New Holland Sales Stables
Monday, January 23
Report supplied by auction

219 loads. Hay 5.00-0.00 lower; Straw fully steady; Corn steady.

Alfalfa, good quality, 2nd and 3rd cutting 120.00-140.00, few Choice up to 151.00, good quality, 1st cutting 100.00-120.00.

Mixed Hay, good Clover-Timothy mix 100.00-115.00, few 90.00-100.00.

Alfalfa-Timothy mixed 120.00-132.00; Mixed Grass 90.00-101.00; Clover 88.00-115.00; Timothy mostly 95.00-106.00, few Choice up to 120.00; Straw 95.00-105.00, few to 109.00, few off color 90.00-95.00.

Ear Corn 123.00-130.00; Shelled Corn 3.90/bu.; Oats 2.40/bu.; Firewood 58.00 & 59.00/pick-up load.

Good's Hay

Leola, Pa.
Wednesday, January 25
Report supplied by auction

98 loads.

Mixed Hay 92.00-172.00; Timothy 100.00-117.00; Straw 95.00-110.00; Corn 130.00-133.00; Alfalfa 109.00-135.00; Clover 99 00; Wood 79.00

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Ingredients	Cost/Unit	Total Cost	Crude Protein
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400 lbs. Shell Corn	$ 3.85/Bushel	$27.50	34 lbs.
1000 lbs. Ear Corn	$140.00/Ton	$70.00	75 lbs.
100 lbs. Molasses	$ 7.00/100 lbs.	$ 7.00	3 lbs.
60 lbs. Vitamin-Mineral Premix	$ 23.50/50 lb. bag	$28.20	—0—
Grinding & Mixing	$ 9.50/Hammermill Mix	$ 7.95	—0—
	TOTAL COST PER TON:	**$197.10**	**323 lbs. = 16.1%**

Includes 4 ton volume discount and cash discount of 2½% due 15th following month.
Prices effective January 23, 1984 and subject to change with grain markets.

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•••• UPCOMING DAIRY MEETINGS ••••

Tues.,	Jan. 31	Shippensburg, Pa.	Grill & Gallery Restaurant
Wed.,	Feb. 1	Alexandria, Pa.	Alexandria Fire Hall
Thurs.,	Feb. 2	Clintondale Mills	Loganton Fire Hall
Tues.,	Feb. 7	Kistler, Pa. - Perry County	Kistler Corner Restaurant
Thurs.,	Feb. 9	Thurmont, Maryland	Cozy Restaurant
Mon.,	Feb. 13	Chambersburg, Pa.	Burkholders Restaurant
Wed.,	Feb. 15	Nottingham, Pa.	Nottingham Inn
Thurs.,	Feb. 23	Damascus, Maryland	Damascus Fire Hall

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HAY MARKETS

Regional Hay
Friday, January 20
Report supplied by PDA

(All hay No. 2 and better, prices paid by dealers at the farm and per ton.)

Hay & Straw steady to weak.

Alfalfa 105.00-135.00; Mixed hay 80.00-100.00; Timothy hay 75.00-100.00; Straw 60.00-80.00; Mulch 35.00-60.00.

Green Dragon Hay
Ephrata, Pa.
Friday, January 20
Report supplied by PDA

104 Loads Hay and 51 Loads Straw.

Alfalfa 113.00-141.00; Mixed hay 75.00-134.00, few to 141.00; Timothy hay 87.00-115.00; Clover, 2 loads 82.00 & 105.00; Orchard Grass, 2 loads 89.00 & 97.00; Straw 86.00-100.00; Earn Corn, 12 loads 121.00-140.00, one load 111.00; Shelled Corn, one load 3.85 per bu.

Vintage Hay
Vintage Sales Stables
Thursday, January 26
Report supplied by auction

31 loads.

Alfalfa 97.00-132.00; Alfalfa Mix Hay 88.00-116.00; Orchard Grass 105.00-110.00; Timothy Hay 99.00-111.00; Straw 98.00-110.00.

King's Auction
Tuesday, January 17
Report supplied by auction

39 loads; all loads sold.

Better Alfalfa 120.00-133.00; Alfalfa 103.00 and up; Alfalfa and Timothy Mixed 99.00-115.00; Timothy 93.00-113.00; Clover Mixed 100.00-105.00; one load dark Clover 120.00; Straw 86.00-96.00; Corn Fodder 70.00; Ear Corn 119.00-126.00.

Tuesday, January 24

Icy day, 5 loads.

Alfalfa 127.00-142.00; one pickup load by the load 138.00; one load Alfalfa Mixed 138.00; Straw 98.00-100.00; Corn Fodder 73.00.

Hagerstown Hay
Martin's Elevator
Wednesday, January 18
Report supplied by auction

12 loads.

Alfalfa 120.00; Alfalfa & Grass 96.00; Clover & Timothy 92.50-104.00; Timothy 102.00-110.00; Straw 62.00-67.00.

Kiester's Hay
Middleburg, Pa.
Tuesday, January 24
Report supplied by auction

9 loads.

Mixed hay 70.00-125.00; Straw 70.00-72.50; Ear Corn 120.00.

Belleville Hay
New Wilmington Hay
Friday, January 20
Report supplied by PDA

52 Loads Hay and 9 Loads Straw

Alfalfa 115 00-135.00, one load 147.00; Mixed hay 81.00-110 00, few to 130.00; Timothy hay, few 80.00-95.00; Clover, few 87.50-112 50; Straw 65.00-70.00; Ear Corn, 2 loads 86.00 & 92.50; Oats, 2 loads 2.27 & 2.42 per bu.

Hagerstown Hay
Martin's Elevator
Wednesday, January 25
Report supplied by auction

22 loads.

Alfalfa 100.00-144.00; Alfalfa-Grass 127.00-140.00; Clover & Timothy 100.00 & 117.00; Timothy 77.00-120.00; Orchardgrass 80.00 & 97.00; Stubble Hay 91.00; Straw 74.00.

Pa. Grain
Tuesday, January 23
Report supplied by PDA

Compared with last Tuesday's market for Southeastern, Central and South Central PA.: Corn and Wheat uneven, mostly steady to 5 cents lower; Barley steady to strong; Oats unevenly steady; Ear Corn mostly steady.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pa.

Corn No. 2-y range 3 55-3 80, average 3.68, New Crop 2.78-2.86; Wheat No 2 range 3.55-3.85, average 3 66, New Crop 3.32-3.35; Barley No. 3 range 2.60-3.10, average 2.84, New Crop 2.05-2.10; Oats No 2 range 2.40-2.60, few reported 2.80; average 2.53; Soybeans No. 1 range 6.70-7.40, average 7.11, New Crop 6.74-6.75; Gr. Sorghum #2 range 3.00, average 3.00, New Crop 2.25; Ear Corn range 87.00-122.00, average 101.18.

Central Pa.

Corn No. 2-y range 3.60-3.83, average 3.70; Wheat No. 2 range 3.60-3.90, average 3.78; Barley No. 3 range 2.30-2.70, average 2.57; Oats No. 2 range 2.25-2.58, average 2.38; Soybeans No. 1 range 6.50-7.00, average 6.75; Gr. Sorghum No. 2 range 3.65, average 3.65; New Ear Corn range 95.00-105.00, average 100.60.

South Central Pa.

Corn No. 2-y range 3.50-3.90, average 3.74; Wheat No. 2 range 3.50-3.60, average 3.52; Barley No. 3 range 2.30-3.25, average 2.73; Oats No. 2 range 1.85-2.40, average 2.16; Ear Corn range 95.00-130.00, average 113.75.

Southeastern, Central & South Central Summary

Corn No. 2-y range 3.51-3.80, average 3.70; Wheat No. 2 range 3 55-3.85, average 3.67; Barley No 3 range 2.30-3.10, average 2.74; Oats No. 2 range 2.15-2.60, average 2.39; Ear Corn range 90.00-125 00, average 104.45.

Western Pa.

Corn No. 2-y range 3 45-3.75, average 3.60; Wheat No. 2 range 3.10-3.29, average 3.15; Oats No 2 range 2.20-2.40, few reported 2.00, average 2.26.

Frederick Co. Hay
Buckeystown, Md.
Thursday, January 26
Report supplied by auction

84 loads, market steady to $5.00 lower.

Alfalfa four fancy 141.00-167.50, 8 good 111.00-135.00, six fair 95.00-100.00; Timothy 19 fair to good 99.00-115.00; Mixed eight good 92.00-116.00, four fair 77.50-88.00; Orchardgrass two good 88.00-95.00; Bromegrass 3 good 86.00-96.00; Straw 13 good and bright 80.00-96.00; 2 fair Straw 45.00 & 77.50; Ear Corn 3 good 125.00-128.00 a ton; Firewood four hard 61.00-80.00 cord, four mixed 33.00-45.00 cord; Locust Posts round 3.00 apiece; sawed 3.75 each.

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11:00 AM

HAY
STRAW
GRAIN

1:30 PM

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WEDNESDAY
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THURSDAY

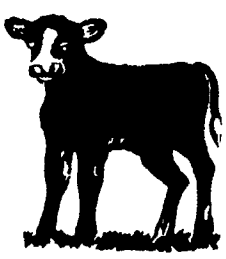
11:00 AM

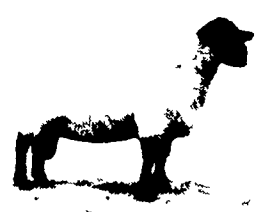
BULLS -

STEERS - BEEF COWS

3:30 P.M.

CALVES





SHEEP
GOATS

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Pick-up your check before you leave

Livestock market and auction news

New Wilmington Livestock

Monday, January 23, 1984
Report Supplied by PDA

CATTLE 249. Compared with the market two weeks ago: Slaughter cows about steady. Few Choice slaughter steers 66.50-70, Good 60.50-66, Standard 55.00-60, few Utility 50.50-53. Few High Good slaughter heifers 67.50-69, Choice 62.00-65.25, Good 55.50-61.50, Standard 48.50-53.50. Few Breaking Utility & Commercial slaughter cows 40.00-43, Cutter & Boning Utility 35.00-40.75, Canner & Low Cutter 28.50-35.50, Shells down to 23.00. Few Good slaughter bullocks 57.00-62.25, few Standard 48.25-55.25. Few Yield Grade #1 1100-1695 lbs. slaughter bulls 47.00-51.25, few #2 1100-1410 lbs. 44.25-45.00. FEEDER CATTLE: Few Medium & Large Frame #1 400-500 lbs. feeder steers 55.00-65.25. Few Medium & Large Frame #2 330-730 lbs. feeder heifers 32.00-37.50.

CALVES 289. Vealers grading Good & Choice $10 higher, Standard mostly $5 higher. Few Prime vealers 124.00-129, few Choice 99.00-115, few Good 80.00-95, few Standard 60.00-75, Standard & Good 90-120 lbs. 47.00-61, 60-85 lbs. 42.00-50, Utility 50-120 lbs. 25.00-40.00. FARM CALVES: Holstein Bulls 95-125 lbs. 70.00-112.50; Holstein heifers 85-130 lbs. 53.00-77.50.

HOGS 527. Barrows and gilts strong to 50 cents higher. US No. 1-2 210-245 lbs. barrows and gilts 51.00-51.75, few 53.50, No. 1-3 2-255 lbs. 50.00-51.10, lot No. 1-3 195 lbs. at 47.50, 130-180 lbs. 36.75-41.50. Sows mostly $2 lower. US No. 1-3 300-590 lbs. sows 40.00-47, No. 2-3 330-630 lbs. 36.50-40.50. Boars 28.50-35.50, few 41.50.

FEEDER PIGS 53. Few US No. 1-3 35-45 lbs. feeder pigs 18.00-21 per head, Utility 30-50 lbs. 10.00-17 per head.

SHEEP 81. Choice & Prime 70-110 lbs. wooled slaughter lambs 60.00-69, few New Crop lambs 65-75 lbs. 81.00-83.00, lot Good wool lambs at 60 lbs. at 50.00. Slaughter ewes 10.00-15.00.

Dewart Livestock

Dewart, Pa.
Monday, January 23, 1984
Report Supplied by PDA

CATTLE 296. Compared with the market two weeks ago: Choice 2-4 1050-1300 lbs. slaughter steers 67.00-70, Average High Good 64.00-67, Few Good holsteins 58.75-60, few Standard 52.00-60.25. Choice slaughter heifers 64.75-69, Good 57.00-63, couple 65.50, few Standard 47.50-53.25. Breaking Utility & Commercial slaughter cows 38.00-41.50, Cutter & Boning Utility 37.00-40, Canner & Low Cutter 34.00-37, Shells down to 30.00. Yield Grade #1 1020-1860 lbs. slaughter bulls 47.25-53.50, one 56.50.

CALVES 178. Individual Prime vealer at 108.50, few Choice 92.50-104, few Good 75.00-95, Standard & Good 75-105 lbs. 51.00-59, few 70.00, few Utility 60-85 lbs. 40.00-52.

FARM CALVES: Holstein Bulls 90-125 lbs. 70.00-113, mostly 90.00-110.

HOGS 141. US No. 1-2 210-235 lbs. barrows and gilts 50.80-52, No. 1-3 210-245 lbs. 48.00-50.80. US No. 1-3 300-550 lbs. sows 38.50-46, Medium 200-400 lbs. 25.00-35.00. Boars 31.00-36.25.

FEEDER PIGS 167. US No. 1-3 20-30 lbs. feeder pigs 13.00-17.50 per head, No. 1-3 35-50 lbs. 20.50-25 per head.

SHEEP 3. Few Slaughter ewes 25.00-29.00.

Penns Valley Livestock

Centre Hall, Pa.
Tuesday, January 24
Report supplied by auction

Beef Cows: Utility and Commercial 40.25-45.50; Cutters 36.50-39.75; Canners 32.50-35.75; Shells 28.00.

Heifers: Good 57.00-60.50; Standard 51.00-55.25; Commercial 46.00-50.00.

Steers: Good 53.50-58.75; Standard 45.85-52.10.

Bulls: Standard 44.50-47.50.

Feeder Cattle: 300-500 lbs. large frame 38.50-48.00; 300-500 lbs. small frame 42.75-51.00; 500-700 lbs. large frame 50.00-53.00; 500-700 lbs. small frame 44.00-49.00.

Veal Calves: Choice 80.00-88.00; Good 67.00-79.00; Standard 59.00-66.00; Utility 45.00-58.00.

Farm Calves: Bulls 80.00-94.00; Heifers 54.00-67.00.

Hogs: 49.25-50.25.

Sows: 36.75-40.50.

Boars: 24.50-30.50.

Goats: 30.00-36.00.

Peoria Cattle

Thursday, January 26
Report supplied by USDA

Compared to last week Slaughter Steers .50-1.00 lower, instances 1.50 lower. Heifers steady to 1.00 lower, full decline on Good to Low Choice. Cows steady to 2.00 lower. Bulls steady to 1.00 lower.

Trade during the week only moderate at best. Buyers less aggressive for numbers and more selective for grade and mud. Majority of supply Good and Choice Steers and Heifers with 31% Cows and Bulls. Receipts this week about 2100 as compared to 1698 a week ago and 2055 a year ago.

SLAUGHTER STEERS: Choice 2-4 1050-1275 lbs. 67.50-70.50, bulk 69.00-70.00 on clean to slightly muddy consignments. Good and Choice 2-3 975-1150 lbs. 65.00-68.50. Good 63.00-66.50. Holsteins: Good, few Choice 1-3 1150-1300 lbs. 59.00-60.50.

SLAUGHTER HEIFERS: Choice 2-4 950-1175 lbs. 67.00-69.00, load 1040 lbs. Monday at 70.00. Good and Choice 2-3 900-1100 lbs. 64.00-67.00. Good 59.00-64.50, package 57.00.

COWS: High Cutter and Boning Utility 1-3 38.00-43.00 Heiferettes 43.00-45.00. Canner and low Cutter 1-2 32.00-38.00. Low Yielding 28.00-32.00.

BULLS: YG 1-2 1100-2000 lbs. 44.00-50.00.

East Coast Carlot

Wednesday, January 25
Report supplied by USDA

Compared to Tuesday's close: Demand light for limited supplies of Prime Special Fed Veal, no sales reported. Good and Choice Boning veal steady, inshipped generally steady with Monday. Lamb market slow to develop as packers seek higher prices while wholesalers attempt to get price differentials on the various weight categories. No Boneless Beef or Trimmings reported, undertone weak.

VEAL CARCASS
Prime (Special Fed)
Hide On

220-280 lbs. no sales reported.

Good & Choice
Boning Type
Hide On

Northeastern Suppliers: All steady. 65-75 lbs. 84.00-86.00; 55-64 lbs. 82.00-84.00; 45-54 lbs. 80.00-82.00; 35-44 lbs. 78.00-80.00; 34 lbs. down 76.00-78.00.

Inshipped: All generally steady with Monday. 71-80 lbs. 84.00-88.00; 61-70 lbs. 82.00-86.00; 51-60 lbs. 80.00-84.00; 41-50 lbs. 78.00-82.00; 30-40 lbs. 76.00-80.00.

LAMB BEEF
Boxed
Choice and Prime 3-4
1 Loads

55 lbs. down 132.00, carcass equivalent.

DAIRY MARKETS

New Holland Dairy

New Holland Sales Stables
Wednesday, January 25
Report supplied by auction

Reported receipts of 63 cows, 36 heifers, and 11 bulls.

Market steady.

Load of PA Fresh cows 610.00-1000.00.

Load of PA Fresh cows 870.00-1125.00.

Load of PA Fresh cows 890.00-940.00; springers 750.00-860.00.

Load of PA Fresh cows 750.00-900.00.

Load of PA Fresh cows 500.00-970.00.

Locally consigned cows 500.00-850.00.

Springing heifers 450.00-800.00.

Open heifers 275.00-460.00.

Bulls 260.00-735.00.

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THE OLD FARMER'S ALMANAC

JAN. 30-FEB. 5, 1984

We're concentrating on hibernating!

Should have half your hay and half your wood left Patricia Hearst kidnapped Feb 4, 1974 New moon Feb 1 (Wed) Average length of the day for the week, 10 hours, two minutes Groundhog Day Feb 2 (If he sees his shadow, there ll be six more weeks of winter)

Napier first auto to exceed 100 mph Jan 31, 1905 *Trends, like horses, are easier to ride in the direction they are already going*

Ask the Old Farmer: I have some miniature rugs that came in cigarette or cigar packages years ago On the back is stamped Factory 2153, 3rd District, New York What is the story behind this, and do the rugs have any value? A B, Haverhill, Mass

To increase sales of certain cigarettes, some companies included these rugs as premiums We doubt if they are valuable, but assembled under glass in a picture frame, they would make a good conversation piece

Home Hints: Keep a piece of cotton sprinkled with a few drops of vanilla extract in the refrigerator to eliminate odors

OLD FARMER'S WEATHER FORECAST

New England: Cold, snow flurries throughout week

Greater New York-New Jersey: Rain, sleet, and snow to start week, clear, turning very cold by end of week

Middle Atlantic Coastal: Snow, cold weather at week s beginning, then snow ending, warming at week's end

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Apple Market News

Monday, January 23
Report Supplied by PDA

Overall demand today is moderate to good. Prices are about steady, showing a very slight increase over last week. Movement this past week remains about stable, with 16,039 cases of bagged apples and 2,359 cases of traypack apples being sold. These figures represent sales of 13 representative growers, packers and shippers.

By now, you should have received information from the Apple Marketing Board outlining the spring apple promotion on 12/3# poly-bagged apples. This promotion has the potential to move a large quantity of 12/3 bagged apples. The Board's Marketing Representative, Kay Swartz, has been contacting the buyers from independent stores as well as from the major chains in Pennsylvania and reports getting favorable results from these contacts. Now is the time for you to be in touch with your buyer from these stores if you have available apples for sale through this promotion.

Summary

Prices quoted below are wholesale, truckload, f.o.b. prices at the orchard of packing house.

BAGGED APPLES: 12/3# Red Delicious U.S. Extra Fancy 2¼" up - $6.50-7.00 mo. 6.50; 12/3# Red Delicious U.S. Fancy 2¼" - few 5.50, m. 6.00, occ. higher to 6.50; 12/3# Red Delicious U.S. Fancy 2 3/4" - 7.50; 12/3# Red Delicious U.S. Fancy, Special Storage 2¼" - 7.50.

12/3# Golden Delicious U.S. Fancy 2¼" - mo. 5.50-6.00, few 6.50 occ. 7.00; 8/5# Golden Delicious U.S. Fancy, Generic, 2¼" - 6.00, few.

8/5# Law Romes, U.S. Extra Fancy 2¼" up - 7.00; 12/3# Law Romes, U.S. Extra Fancy, Special Stg. 2¼" up - 7.50-8.00; 12/3# Romes U.S. Fancy 2¼" up - 5.50-6.25; mo. 5.50, few 6.50, occ. 8.00; 8/5 Red Romes, U.S. Fancy, Generic 2¼" - 6.00.

8/5 Red Romes, U.S. Fancy, Generic 2¼" - 6.00.

12/3 Stayman U.S. Fancy 2¼" - 5.50-6.00.

12/3 Yorks, U.S. Fancy 2¼" - 6.00.

TRAYPACK: Red Delicious Comb. Fancy & Ex. Fancy 125-138's - 8.50; Red Delicious Comb. Fancy & Ex. Fancy 113's lgr. - 8.50-9.00, mo. 8.50; Red Delicious Comb. Fancy & Ex. Fancy 125's - 9.00; Golden Delicious, Comb. Fancy & Ex.Fancy 113's, lgr. - 9.50-10.00.

Red Romes, Comb. Fancy & Ex. Fancy 100's - 9.00-10.00; Red Romes, Comb. Fancy & Ex. Fancy 64-80's - 11.00; Red Romes U.S. Extra Fancy 100's - 10.00; Law Romes U.S. Extra Fancy 113's - 9.00; Red Romes Comb. Fancy & U.S. Fancy 88's lgr. - 9.50.

Stayman, Comb. Fancy & U.S. Fancy 113's lgr. - 11.00-12.00; Stayman, Comb. Fancy & U.S. Fancy 125's - 11.00.

40# box, loose pack Romes, 1 1/8 bu. few 8.25.

Morrison Cove Livestock

Martinsburg, Pa.
Monday, January 23, 1984
Report Supplied By Auction

CATTLE 293. High Choice & Prime slaughter steers 70.25-71.75, Choice 68.00-69.50, Good 62.50-66.75, Standard 54.50-60.50, Utility 42.50-51.50. Choice slaughter heifers 66.50-69.25, Good 61.50-63.50, Standard 53.50-60.50, Utility 42.50-45. Breaking Utility & Commercial slaughter cows 42.50-45.25, Commercial 40.25-41.75, Cutter & Boning Utility 36.50-39.75, Canner & Low Cutter 32.50-38.50, Shells down to 30. Choice slaughter bullocks 54.50-60.50, Good 52.50-54.25, Standard 44.50-46.50, Utility 38.50-42.50. Yield Grade #1 slaughter bulls 50.50-54.50, #2 42.50-48.50.

FEEDER CATTLE: Choice feeder steers 58.50-60.50, Good 52.50-54, Medium 42.50-48.50, Good feeder heifers 55.00-60, Medium 38.50-44.50; Good feeder bulls 52.50-54.50, Medium 40.50-46.50.

CALVES 342. Prime vealers 92.50-106.50, Choice 82.50-91, Good 72.50-80.50, Standard & Good 110-130 lbs. 62.50-70.50, 90-110 lbs. 54.50-60.50, 70-90 lbs. 40.50-52.50, Utility at 20.00. FARM CALVES: Holstein Bulls 90-130 lbs. 72.50-108.50; Holstein Heifers 90-130 lbs. 56.50-87.50.

HOGS 283. US No. 1-2 2-240 lbs. barrows and gilts 51.50-53.75, No. 1-3 2-240 lbs. 51.00-52.50, No. 2-3 2-260 lbs. 50.50-51, 280-330 lbs. 45.50-48.50. US No. 1-3 300-600 lbs. sows 43.50-48.50, No. 2-3 300-600 lbs. 40.25-44.50. Boars 29.00-32.50, light weights 32.50-36.50.

FEEDER PIGS 63. US No. 1-3 20-40 lbs. feeder pigs 16.50-24.50 per head, No. 1-3 40-60 lbs. 26.50-37.50 per head.

SHEEP 15. Choice 90-110 lbs. wooled slaughter lambs 60.50-65, Good 80-90 lbs. 58.50-60. Slaughter ewes 21.00-32.50. GOATS 2: 11.00&22.00 per head.

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1 Mile North of Ephrata, PA

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7:00 P.M.- Small Animal Sale

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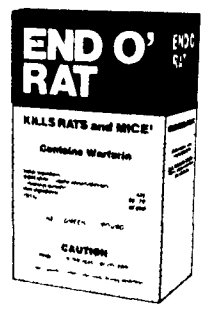

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Livestock market and auction news

VIRGINIA MARKETS

Virginia Auction Summary

January 19-25
Report supplied by VDA

Total of Va. Weekly Feeder Cattle Auction Receipts: 2,575.

TREND: $3 higher late last week before moving as much as $2 lower this week.

Southwestern, Va.
Auction Summary
January 19-25

STEERS: 300-500 lbs. Medium 1 55.00-67.00; Large 1 59.00-65.50; Small 1 54.00-65.00. 500-700 lbs. Medium 1 55.00-67.00; Large 1 57.00-66.00; Small 1 54.00-59.50. 700-1000 lbs. Medium 1 53.25-61.70; Large 1 57.75-63.00; Small 1 53.75-54.25.

HEIFERS: 300-500 lbs. Medium 1 46.50-56.50; Large 1 50.50-55.00; Small 1 43.25-52.00. 500-700 lbs. Medium 1 47.00-59.50; Large 1 52.50-53.75; Small 1 43.00-48.00; 700-900 lbs Medium 1 41.00-54.50.

Northern Va.
Auction Summary
January 19-25

STEERS: 300-500 lbs. Medium 1 59.00-70.00; Large 1 66.00-68.00; Small 1 50.00-59.75. 500-700 lbs. Medium 1 57.50-63.50; Large 1 59.25-67.50; Small 1 55.50-60.00. 700-1000 lbs. Medium 1 57.00-62.25; Large 1 57.25-61.00; Small 1 54.00-55.00.

HEIFERS: 300-500 lbs. Medium 1 45.00-57.00; Large 1 55.00. 500-700 lbs. Medium 1 45.00-56.00; Large 1 49.25-56.00; Small 1 49 25-50.00. 700-900 lbs. Medium 1 49.25-51.00; Large 1 50.00-52.75.

Southeast Va.
Auction Summary
January 19-25

NOTE: No report from Southeast, Va. as there were no Feeder Cattle.

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, January 21
Report supplied by auction

FEEDER CATTLE: Steers: M&L-1 300-500 lbs. 59.00-63.00; 500-700 lbs. 58.50-63.00; 700-1000 lbs. 60.10-61.50; Holstein 300-1000 43.00-45.00. S-1&M&L-2 300-500 lbs. 57.00-58.00. Feeder Bulls: M&L-1 300-500 lbs. 55.00-60.00. Heifers: M&L-1 300-500 lbs. 45.00-49.50; 500-700 lbs. 47.00-52.50; 700-800 lbs. 46.25-52.75. Stock Cows: Beef 300.00-340.00; Dairy 410.00. Baby Calves 31.00-80.00.

SLAUGHTER CATTLE: Heifers- Good 53.00-54.50.

SLAUGHTER COWS: Utility & Commercial 2-4 35.00-41.50; Canner & Cutters 1-3 28.00-36.75.

SLAUGHTER BULLS 1 & 2 42.50-51.50.

LAMBS: High Choice & Prime 59.00; Choice 57.80; Slaughter Ewes 17.00-21.00; Head Ewes 20.00-35.00.

HOGS: US 1-3 200-240 lbs. 50.00. Sows 1-3 37.50-46.00. Boars 33.00.

VEAL: Choice & Prime 66.00-70.50; Good 56.00-67.00.

SLAUGHTER CALVES: Good & Choice 45.00-52.00.

Eighty-Four Livestock

Eighty-Four, PA
Monday, January 23, 1984
Report Supplied by PDA

CATTLE 301. Compared with the market two weeks ago: Slaughter cows $3-$5 higher. Few Choice slaughter steers 61.00-62.75, Good 58.00-61.50, Standard 52.00-58.50, few Utility 49.00-53. Choice slaughter heifers 61.00-64, few Good 57.00-60, Standard 47.50-52, few Utility 41.00-46. Breaking Utility & Commercial slaughter cows 42.00-45, Cutter & Boning Utility 35.00-40.75, Canner & Low Cutter 31.00-35.50, Shells down to 21.00. Yield Grade #1 1000-2100 lbs. slaughter bulls 45.00-52, few #2 750-1200 lbs. 38.00-44.50. FEEDER CATTLE: Medium Frame #1 350-600 lbs. feeder steers 53.00-61; Medium Frame #1 300-600 lbs. feeder heifers 48.00-56; few #2 500-600 lbs. 41.00-44; Few Medium Frame #2 500-650 lbs. feeder bulls 50.00-53.00.

CALVES 202. Choice vealers 90.00-115, Good 75.00-88, Standard & Good 90-120 lbs. 51.00-60, 60-85 lbs. 42.00-52, few Utility 55-90 lbs. 38.00-44. FARM CALVES: Holstein Bulls 90-125 lbs. 65.00-100.00.

HOGS 67. Barrows and gilts 50 cents lower. US No. 1-2 210-240 lbs. barrows and gilts 50.50-51, few No. 1-3 200-230 lbs. 48.00-49.50, No. 1-3 160-190 lbs. 43.00-48.25. US No. 1-3 400-600 lbs. sows 44.00-47.50, few No. 2-3 350-600 lbs. 39.00-44.50.

FEEDER PIGS 15. Few US No. 1-3 40-50 lbs. feeder pigs 20.00-25 per head, few No. 1-3 15-25 lbs. 13.00-19 per head.

SHEEP 113. Wooled slaughter lambs $3-$4 lower. High Choice & Prime 90-100 lbs. wooled lambs 60.00-62, Choice 75-100 lbs. 56.75-60.50; Slaughter sheep 18.00-23.50.

Carlisle Livestock Auction

Carlisle, Pa.
Tuesday, January 24
Report supplied by auction

CATTLE: Note: Due to the ice storm & fog the livestock run was light; consequently the market quotations were not fully tested. Steers- No Choice offered; Good Holsteins 54.00-58.00; Medium 53.00 down. Heifers- Too few to test market. Cows- Utiltiy & Commercial 37.00-40.75; Cutter 33.35-37.50; Canner & Low Cutter 30.60-34.00; Shells 30.00 down Fat Bulls- Few Good to 52.00.

FEEDER CATTLE: Few offered, no Choice offered. Steers- (300-600 lbs.) 50.00-52.00; Medium 41.00-49.00. Bulls- (500-700 lbs.) 46.00-50.00.

CALVES: Vealers- Choice 75.00-92.00; Good 65.00-75.00; Medium 53.00-65.00; Light or Weak 50.00 down. Farm Bulls- 89.00-106.00.

HOGS: Barrows & Gilts US No. 1-2 51.00-53.85; No. 1-3 49.50-52.00; No. 2-3 45.00-49.00. Sows- US No. 1-3 39.00-44.50; No. 2-3 37.00-40.00. Boars 28.50-35.50.

FEEDER PIGS- US No. 1-3 20-25 lbs. 11.50-17.50 head; 40-50 lbs. 19.00-26.00 head.

SHEEP: Lambs- Good 57.00-58.00; Medium 55.00 down. Ewes- to 28.00. Goats- Medium/Big 28.00-42.00 head. Baby Goats- 5.00-8.00 head.

Sale every Tues. 7:00 PM Livestock; 6:15 for eggs and rabbits only.

G&M Livestock

Monday, January 23
Duncansville, Pa.
Report supplied by auction

SLAUGHTER CATTLE: Steers- Choice 66.00-71.00; Good 60.00-66.00; Standard 54.00-60.00; Utility 48.00-54.00. Heifers- Choice 64.00-68.85; Good 58.00-64.00; Standard 50.00-58.00; Utility 42.00-50.00. Cows- Choice 40.00-42.50, couple to 44.00; Good 38.00-40.00; Standard 36.00-38.00; Utility 34.00-36.00; Cutters 30.00-34.00; Canners down to 28.00. Bulls 1200-1650 lbs. 46.00-53.00; 400-1100 lbs. 42.00-50.00.

FEEDER CATTLE: Steers- Choice none; Medium and Good 400-800 lbs. 48.00-58.00. Heifers- Medium and Good 300-700 lbs. 40.00-52.00.

HOGS: Barrows and gilts 200-250 lbs. 48.00-52.90; 170-300 lbs. 44.00-48.00. Sows- 300-600 lbs. 40.00-47.75. Boars- 28.00-38.00.

FEEDER PIGS: 25-35 lbs. 15.00-22.00 per head; 35-50 lbs. 22.00-37.00

SHEEP- Slaughter lambs 90-110 lbs. 54.00-71.00; ewes 15.00-22.50.

GOATS: 15.00-42.00.

Greencastle Livestock

Greencastle, Pa.
Monday, Jan. 23
Report supplied by Auction

CATTLE: Butcher Steers - Choice 67.00-69.00; Medium-Good 55.00-67.00; Butcher Heifers, Medium-Good 45.00-58.00; Butcher Cows, Utility-Good 37.00-43.00; Canners and Cutters 34.00-41.00, one to 46.75; Shells 34.00 down; Butcher Bulls, Medium-Good 44.00-55.75; Stock Steers, Medium-Good up to 67.50; Stock Heifers, Medium-Good up to 52.50.

CALVES: Medium-Good Calves 160-220 lbs. 80.00-95.00, 125-160 lbs. 65.00-85.00, 100-120 lbs. 55.00-70.00, 80-100 lbs. 50.00-60.00; Holstein Bull Calves up to 102.00; Holstein Heifer Calves up to 70.00; Light and Green Calves down to 40.00.

HOGS: Good-Choice Butcher Hogs 190-225 lbs. 48.00-52.25, 225-250 lbs. 51.50-52.50; Good-Choice Butcher Sows 400 lbs., down up to 43.50, 400 lbs. up, up to 45.50; Heavy Boars up to 31.00; Pigs, per head 5.00-34.50.

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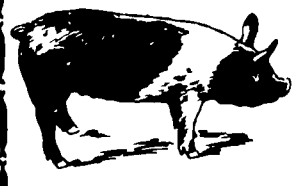

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75 Hamp & York & Cross Gilts 25 Bred Gilts
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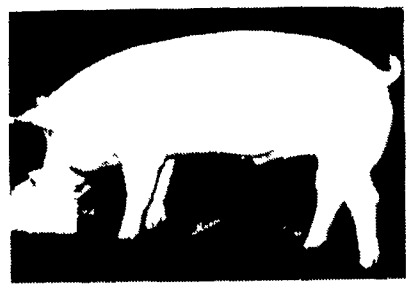
Fieldman - Jack Ficken
Ringman - Randall Updike, Henry Holloway

Litter 122-8 sired by Chug



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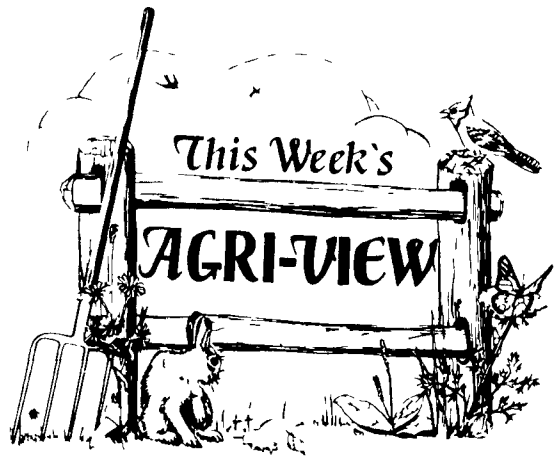


BY DICK ANGLESTEIN

Today's Lancaster Farming contains a story on a proposal by the Governor's Energy Council of Pennsylvania to fund studies to see if it is feasible for smaller farmers to get together and cooperate in methane digester projects

On the surface the concept sounds good The state says such energy co-ops could provide income for farmers through the sell-back of power and reduce nutrient-runoff

But let's look a little deeper

Total funding for the study is $35,000 -- not a lot of money in these days of big government spending. But still a lot of money to someone like a poultry farmer with an empty house and no income currently or someone hit hard by the drought last summer.

Also, the money to be spent is federal Department of Energy funds. It falls into that all too familiar federal fiscal situation of "if you don't spend it before the fiscal year ends, you lose it."

The co-op digester program is just another example of the piece-meal approach that government continues to take to one of the biggest long-range domestic problems facing this country -- righting some of the ecological wrongs caused by our modern life-style

President Reagan made reference to the Chesapeake cleanup and acid rain in his State of the Union address the other night. These are sure to be ecological bywords during the upcoming campaign A lot of money is filtering out in many different directions in these efforts

The EPA's Superfund is to be bolstered for toxic waste cleanup And still efforts continue in Lancaster County to locate a hazardous waste landfill right in the heart of the area targeted for water cleanup

Isn't it about time that an alternative approach is found to this piece-meal method - which often, in attempting to correct one problem, only creates or worsens another?

Isn't it about time that a totally integrated approach to ecologically living within our life-style is attempted?

And what better place to try it than in Lancaster County?

Lancaster County is a microcosm of all the major ecological problems of the country. And probably nowhere are the ecological problems of a triumvirate residential-industrial-agricultural society more concentrated and mixed together than in Lancaster County But this concentration is what makes it ideal for a pilot project feasibility study of a totally integrated approach.

Such a total study would take a look at the effects on the environment of everything we do in living, working and farming. In one place, can we:

--Halt all landfilling and require the total separation of all residential garbage and the appropriate safe handling of each type?

--Require industry to be responsible for the recycling of its own hazardous wastes?

--Find a long-range solution to the mountains of livestock wastes being generated?

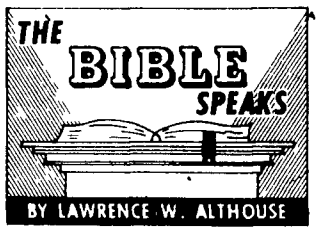
A list of priorities can go on and on.

Only if we attempt such a specific-site feasibility study of total ecological compatibility will we ever know if it can be done. Such a feasibility study makes more sense in the long run than the continuing political-expedient, piece-meal approach.

Everything we do in reaction with our environment is like a charge account. In today's modern life-style too much is being charged against our water and land.

And like all charge accounts, the bill is really going to come due against future generations

(Written with thanks to Dale E Baker, professor of soil chemistry at Penn State.)



THE RANSOM
January 29, 1984

Background Scripture:
Isaiah 34.
Devotional Reading:
Isaiah 26:7-11.

"Weak hands" and "feeble knees"!

Is that not an apt description of how we feel some days? It may be that we feel physically exhausted or our weakness may be of a more intangible kind.

Everyone has this feeling some times. For lots of people it is a daily companion as they face hardships, tragedy, disappointments, and problems that seen insurmountable. There is hardly anyone I know whose life has not known some measure of tragedy, failure or obstacles.

OF FEARFUL HEART

Others may have not experienced such negative things in their lives, but live in a constant paralysis of fear that they will occur. And, if it hasn't happened to us personally, we have still tasted the uncertainty of life as it is reflected in wars, depressions, disaster, and global conflict.

So it is that the Prophet Isaiah comes to us with an uplifting message from God just as he did to the people of Judah several thousand years ago:

Strenghten the weak hands, and make firm the feeble knees. Say to those who are of a fearful heart, 'Be strong, fear not!... (35:3,4.).

Isaiah assured the people of Judah that "He will come and save you." But does that promise mean anything to us? Many of us are fearful about a nuclear holocaust-- can we expect that God will save us from our own selfdestructive frenzies? Scientists last [illegible] warned us of the disastrous "greenhouse effect" that spells serious trouble for the planet earth. Does Isaiah promise that God will deliver us from that, too, as well as war in Lebanon, Ireland, the Caribbean, and elsewhere?

STREAMS IN THE DESERT

I think the answer to these questions is both "no" and "yes." No, God does not compel us to be good stewards of the planet, nor does he compel us to live in peace with one another. Yet, even though our rebellious and unyielding lives frustrate and hinder the plan and purpose of God, we are assured that in his own time, God will prevail.

It is not likely that I will live long enough to see a day of universal peace and brotherhood, nor an era of responsible stewardship of the planet earth. But Isaiah assures me that that day will ultimately come and God's plan will be fulfilled.

And in that assurance I find the power to live and work and witness in the midst of an imperfect world. I am freed of the bonds of fear and dispair because of his promise: "And the ransomed of the Lord shall return..."

NOW IS THE TIME

By Jay Irwin
Lancaster County Agriculture Agent
Phone 717 394 6851

To Keep Farm Equipment In Good Condition

This is the time to replace those worn or damaged parts and tires on your farm machinery.

Maintaining and restocking needed spare parts should be a must before the really busy spring season is underway. Have the tractor engine timed by your local dealer. Consult the operator's manual and adjust field machines according to manufacturer's recommendation.

Order a supply of oils, filters and greases that are needed to maintain tractors and other equipment. It pays to take time out to start a system of record-keeping for each machine. Keep good records of maintenance and repairs and you can save some money in this highly mechanized farming operation.

Remember, a breakdown at planting time is costly. The best preventive is good maintenance.

To Make Sure Ponds Are Safe

Over the last two or three weeks I've noticed a lot of people, both young and old, ice skating on farm ponds. It's good exercise and an excellent sport. But, be sure you are prepared in case of an accident. Owners should be certain that rescue equipment is handy and not in the barn or garage several blocks away. Wooden ladders, boards or other items can be shoved out to the person in the water if needed; it should be large enough to distribute the weight of the person making the rescue. A rope is also a good item to pull people out with.

Skating is a very enjoyable winter time sport. Don't be the victim of an accident that could have been prevented.

To Exercise Dairy Cows

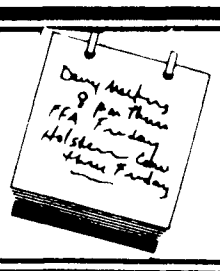
The importance of turning out the dairy herd each day from stanchion or comfort stalls should not be overlooked. As we expect more production per cow, the stresses are greater, and if not given exercise, more breeding problems will result. Dairymen with free-stalls have the opportunity of observing heat periods all the time. However, cows that are confined to stalls present a problem with heat detection. There are very few days that the weather is so bad that the milking herd should not be turned out for a few minutes. If the dairyman is alert and observing, cows that are in heat can be observed and bred Exercise might help the herds with breeding problems.

To Prune Shade Trees

Winter is a good time to prune the shade trees on your property because the trees are dormant and won't be affected by the trimming as much. The bare limbs let you

(Turn to Page A12)

Farm Calendar



Saturday, Jan. 28

York Co. 4-H beef banquet, Seven Valleys, 7 p.m.

N.J. dairy goat luncheon, Ryland Inn.

Monday, Jan. 30

CPR training, Pencader Grange, Glasgow, Del. 7 p.m.

Kent County, Md. DHIA, 7:30 p.m., Extension Ofice, Chestertown.

Chester County Extension Service annual meeting, 7 p.m., Extension Office.

Tuesday, Jan. 31

Pa. Vegetable Conference, Hershey Lodge and Convention Center, continues through Thursday.

Regional manure management seminar, Lancaster Farm and Home Center, 9 a.m. - 3 p.m.

Bradford beef producers, 8 p.m., Extension Office.

CPR training, Farm Bureau Office, Dover, Del., 7 p.m.

Wayne County zoning meeting, 8 p.m., Knights of Columbus Mall, south of Honesdale.

Wednesday, Feb. 1

Regional manure management seminar, Embers, Carlisle, 9 a.m.

Chester County Dairy Day, 9 a.m., Guthriesville Fire Hall.

Hunterdon County N.J. Ag Board, 8 p.m., Extension Center.

Wayne County local government session, 8 p.m., Extension Office, Courthouse.

Thursday, Feb. 2

Cumberland County Milker's School, South Middleton Fire Hall, continues tomorrow.

Regional manure management conference, Lebanon, 9 a.m.

Clearfield Milker's School, Brady Twp. Bldg., Luthersburg, 10 a.m., continues tomorrow.

Wayne County Ag Area meeting, 8 p.m., Calkins Grange Hall.

Friday, Feb. 3

Pork Producers Council banquet, New Holland Fire Hall, 6:30 p.m.

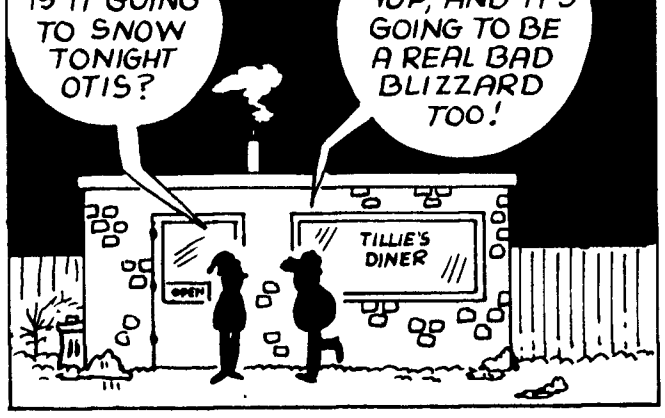
Franklin County Extension annual meeting and banquet, 6:15 p.m., Kauffman's Community Center.

NE Sheep and Wool Growers, 10 a.m. - 3 p.m. Pink Apple Restaurant, Tunkhannock.

Luzerne farm tax meeting, 1-3:30

(Turn to Page A12)

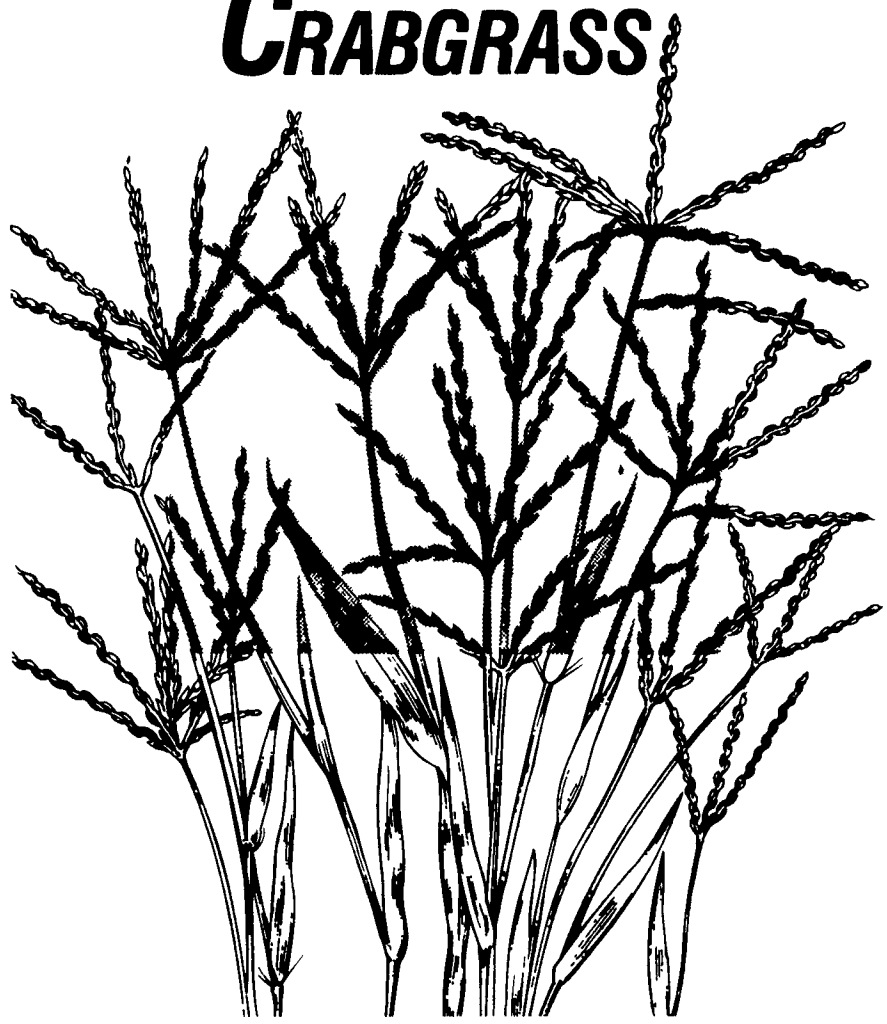
Otis



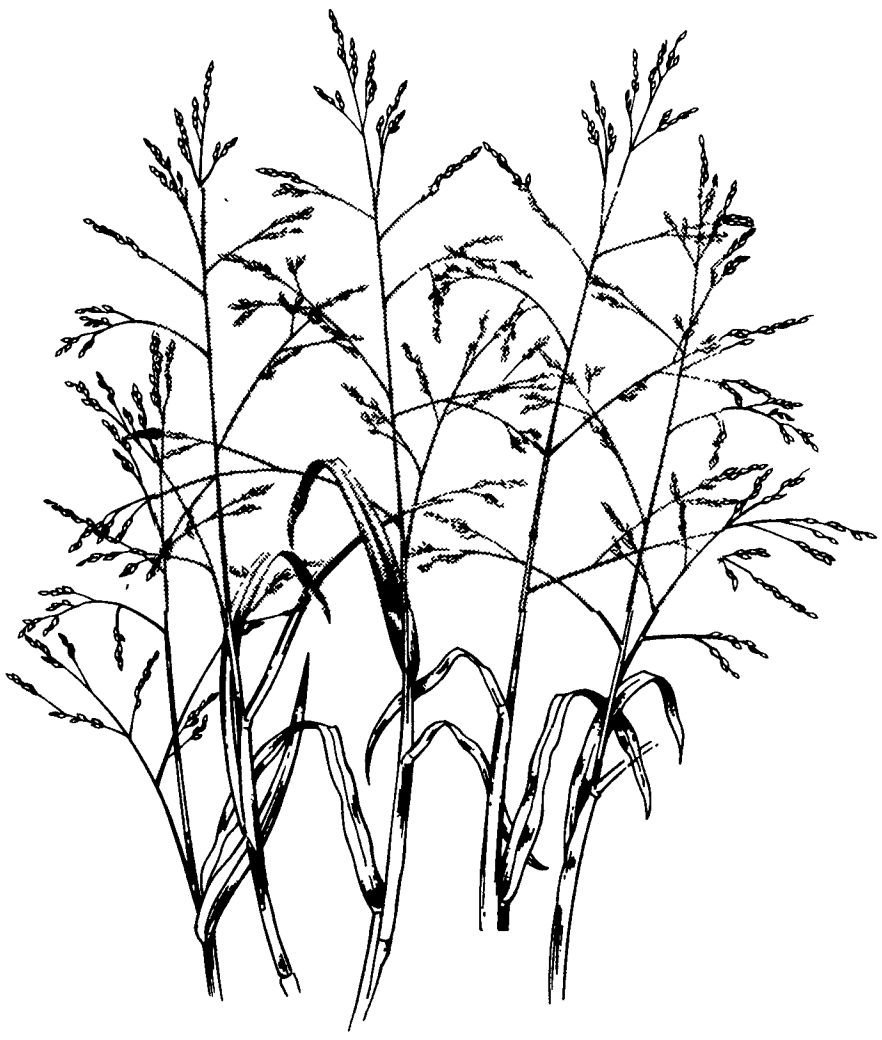
HOW DO YOU FIGURE THAT, OTIS?
FOR THREE REASONS: ONE: I'M NEARLY OUT OF PROPANE. TWO: MY SNOWBLOWER'S BROKE. THREE: MY RESERVE GENERATOR IS IN THE REPAIR SHOP.
DAVE CARPENTER

FOXTAILS

CRABGRASS



FALL PANICUM



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OUR READERS WRITE,
AND OTHER OPINIONS

New Enemies Of Farmers

Dear Editor:

It is with great distress and bereavement that we are writing this letter.

We are small farmers who live in a small community called Junius, N.Y. We are located in Seneca County.

Recently, events have started to take place which are very frightening to the American farmer. P.C.A. (Production Credit) and the F.m.H.A. (Farmers Home Administration) have become an "Enemy" instead of an "Ally" to the backbone of America.

Seizures of crops, livestock, machinery and personal items have become an everyday event all through the United States. Brutal and inhumane tactics have been the means of some farmers losing everything they and their forefathers have built up.

America started with farmers. If there had been no farmers, this country could not have grown to be one of the strongest in the world.

If we are to be told we cannot farm any longer because "someone" wants 30 percent less farmers next year, "someone" has taken our rights away. Some countries tell their people who can be farmers and who cannot. Are we to believe we are becoming one of those countries? We live in a democracy and yet there are some heads of government operated offices who not only seize farmers' belongings, but also are allowed to take neighboring farmers' machinery and belongings just because it is parked on the seized farmer's land. If your car was parked in your neighbor's driveway and he was foreclosed on, would you expect your car to be taken along with his belongings?

The following is what we watched:

In 1983, the farmer had another rough time. A lot and we should say most neighbors in a farming community were called to the aid of the neighboring farmer. We borrowed machinery and we lent machinery, as well as labor and an old idea. This idea has become a must for the American farmer. This idea is to survive. We love our country. We love our land even more. We don't complain because it's not a 9 to 5 job or because we have to miss the biggest social event of the year as we have to get our crops in the ground or harvest them before the weather tries to beat us.

The Government has loaned us all too much money to grow and now because it costs us more to grow our crops than we can sell them for, they say we're in over our heads and they will call in all our loans.

We stood helpless on Jan. 15, 1984 as a neighbor farmer lost everything they owned and were tormented by P.C.A. and F.m.H.A. people. The next five days were to become a nightmare for the whole community. Neighboring farmers were afraid to go to the aid of a friend and neighbor because they might be next. As they took machinery to nuts and bolts and old junk tires, we were totally horrified. Then, the big jolt came.

We watched our machinery go down the road, too. It was only parked on this farmer's land because he used it when he was in need last year. We pleaded with these people not to take it, as it belonged to us and still they took it. We were told to go to the fairgrounds in a neighboring town to claim it within 10 days and it would be brought back to us.

A 20-year-old wagon among four others was purchased by my husband's father and was sold with the farm to my husband. Another was made by my husband and, of course, we do not have a Bill of Sale.

On January 19, we were told we cannot get the wagons back without proof of ownership. It's going to be tough, but they're ours and we need them to operate and we will get them back. Most of the people there on the days of the awful event didn't even know how to start farm machinery, let alone drive it down the road (on a Sunday) in sub-zero weather. The weather conditions certainly could not have helped this equipment. The wear and tear on the engines, tires and farmers' nerves could have been handled in a much more humane way.

We also saw our nine-shank chisel plow and the two wings from our cultipacker taken. I'm only glad our children weren't on the land, they may have been taken, too.

Our fingernails have our dirt from our soil under them and our backs have our pain in them at the end of an 18 or 20-hour day, so why should our machinery be in their possession? Can't someone look into this mess – slaughter of the American farmer before America is no longer known as a self-preserved country. We want to keep our farms, surely there is a way to keep our people from going hungry.

Our plea is not a worthless one, but any response has been. You may be next and then what?

Look into our county offices all over our beautiful country and tell us "Why?"

May we have a reply to our letter before we are forced out, too. Won't someone try to help? The American farmer is an endangered species.

We help to preserve the American eagle. Why not help to preserve the American farmer.

Dale and Suzanne Smith
R2, Smith Road
Phelps, N.Y.

Farm Calendar

(Continued from Page A10)

p.m., Briggsville Mt. Zion Church.

Saturday, Feb. 4

Ephrata Area Young Farmers annual banquet, 6:45 p.m., Durloch-Mt. Airy Fire Hall.

Del. Horse Expo, 8 a.m., Lake Forest High School, Felton, Del.

Now is the Time

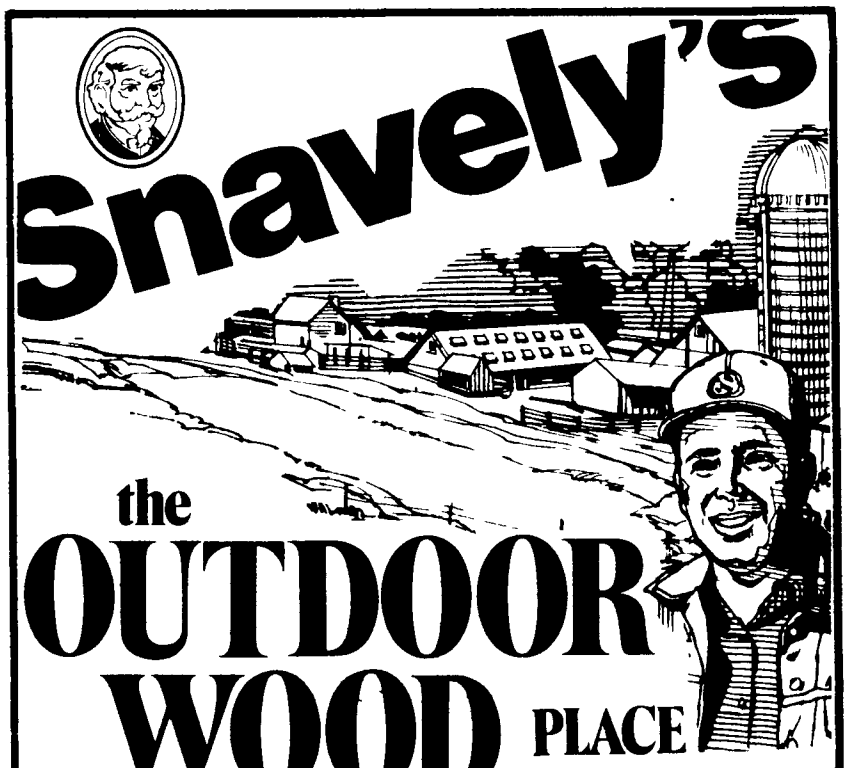
(Continued from Page A10)

see where and how much to prune. And it's easier to reshape tangled and low-hanging branches.

Most trees need thinning when they approach maturity. But, corrective pruning is important when trees are young. While the young tree is growing it's important to remove a branch starting in the wrong position because this branch could change the whole tree structure. Pruning consists mostly of cuttings that train the tree... but it generally involves more and more thinning out of weak and dead wood as the tree matures.

There is a saying that "as the branch is bent, so will the tree grow." With pruning, the results are even more drastic, for a limb which is cut will not grow back. So it's important to know the proper method of pruning before you start. The pruning of dormant shade trees while they are young will determine, to a large measure, the beauty and health of a tree in later years.

Snavely's



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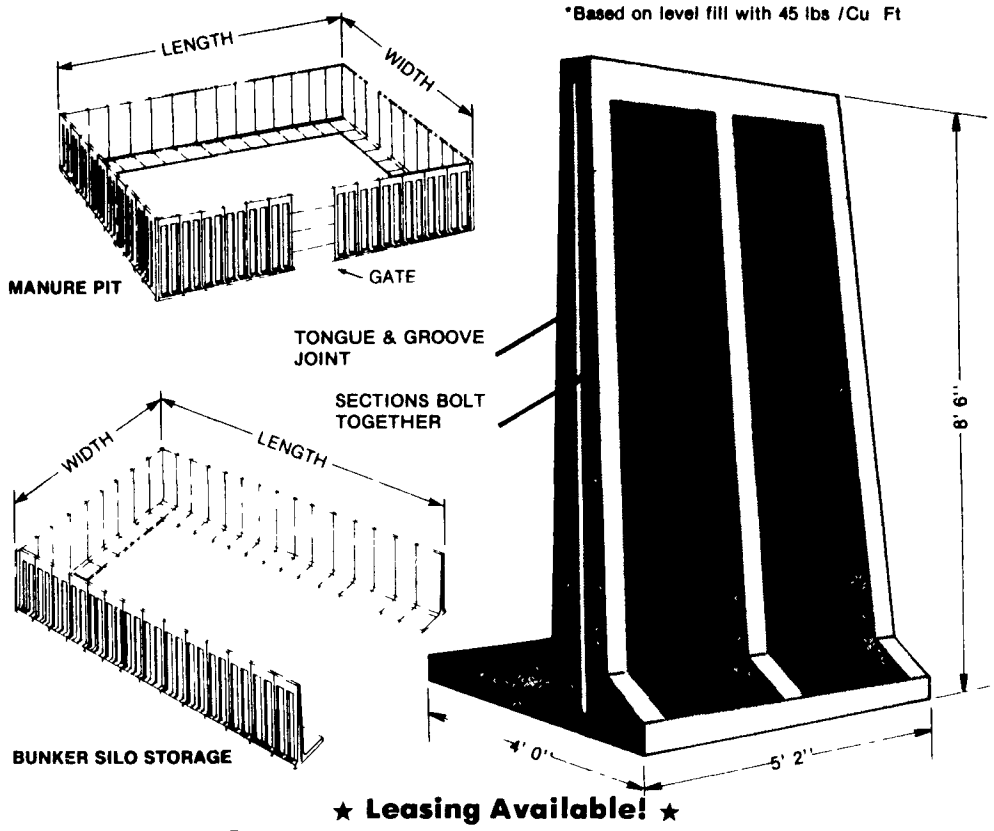
70'	251	376	504	630
80'	287	431	576	720
90'	323	485	648	808
100'	359	539	720	900
110'	395	593	792	989
120'	431	648	864	1080
130'	467	688	936	1170
140'	503	755	1008	1260
150'	539	808	1080	1350

*Based on level fill with 45 lbs /Cu Ft



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Livestock market and auction news

St. Louis Cattle

Thursday, January 26
Report supplied by USDA

Receipts This Week	4,400
Week Ago	3,900
Year Ago	3,700

Compared to the previous week, Slaughter Steers very uneven, generally steady. Slaughter Heifers .50-1.00 higher. Cows weak to 1.00 lower. Bulls 1.00-2.00 higher. Slaughter supply mainly Choice Slaughter Steers, around 30% Heifers and 15% Cows.

SLAUGHTER STEERS: Mostly Choice, few Prime 2-4 1050-1250 lbs. 69.00-70.00, closing sales 69.00. Few lots carrying excessive mud at 67.76-68.00. Choice 2-4 950-1275 lbs. 67.50-69.50, closing 67.50-69.00. Mixed Good and Choice 2-3 900-1200 lbs. 66.50-68.50. Good 2-3 900-1175 lbs. 64.50-67.00. Mostly Good 2-3 1050-1300 lb. Holsteins 53.00-59.00. Few lots Mixed Good and Choice 59.50-60.00.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 900-1075 lbs. 67.50-68.00, part load early 68.50. Not tested late. Choice 2-4 850-1050 lbs. 66.00-67.50, mostly 66.00-67.00. Mixed Good and Choice 2-3 800-1000 lbs. 64.00-66.00. Good 2-3 750-950 lbs. 61.00-64.00.

COWS: (Closing week sales) breaking Utility and Commercial 2-4 35.00-38.00. Cutter and Boning Utility 1-2 35.00-39.00. High-Yielding Boning Utility 1-2 39.00-40.00, few up to 41.00. Canner and low Cutter 1-2 32.00-35.00. Shelly canner 1-2 28.00-32.00.

BULLS: YG 1-2 1050-1900 lbs. 41.00-47.50, closing 43.00-47.50. Few YG 1 48.00.

Wednesday's weekly sheep auction. Receipts around 500 head. Trading moderately active, demand good. Compared ot last week, shorn Slaughter Lambs 1.50 higher. Wooled Slaughter Lambs mostly 1.50 higher, instances up to3 3.00-4.00 higher for lambs over 110 lbs. Feeder Lambs 1.00-2.00 higher.

SLAUGHTER LAMBS: Mixed Choice and Prime shorn with No. 1-2 pelts 100-120 lbs. 59.00-66.50. Some grade Wooled Lambs 90-110 lbs. 57.00-61.50; 110-130 lbs. 61.50-65.50.

FEEDER LAMBS: Choice and Fancy 85-100 lbs. 53.00-58.00.

FEEDERS: (including around 1,400 at the regular Thursday auction.) Feeder Steers under 600 lbs. 2 00-5.00 higher, most advance on 300-400 lb cattle; Steers over 600 lbs. firm to strong in a light test. Feeder Heifers under 500 lbs. 1.00-2.00 higher; over 500 lbs. firm to strong. Trading moderately active, demand moderate Supplies mainly Steers under 700 lbs and Heifers under 600 lbs.

FEEDER STEERS: Medium and Large Frame 1: 300-400 lbs 66.00-72.00; 400-500 lbs. 62.00-67 00; 500-700 lb. 59.00-66.00; few 700-1000 lbs. 61.00-65.00. Medium and large Frame 1-2; few 400-600 lbs mostly 60.00.

FEEDER HEIFERS: Medium and Large Frame 1: few 300-400 lbs. 54.00-57.00; 400-500 lbs. 49.00-57.00; 500-700 lbs. 50.00-56.00, few lots 700-750 lbs. 55.00.

Omaha Cattle

Thursday, January 26
Report supplied by USDA

As compared to last week's closing trade Slaughter Steers and Heifers showed losses of .50-1.00 on final rounds this week. Most of the decline occurred at midweek when dressed beef prices deteriorated and most buying interests turned pessimistic Vis-A-Vis a near term recovery. Overall finish was mediocre with many weather stressed, muddy and lightweight cattle in the receipts. A fairly liberal outlay of cows was well received at mostly steady prices, instances .50-1.00 down.

Steers comprised 46 pct. of week's receipts; Heifers 35 pct., Cows 12 pct., Feeders 6 pct. Estimated 5 day receipts 10400, actuals last week 10028 and year ago 13639.

SLAUGHTER STEERS: Part load Choice 2-3 near 1175 lb. 71.50. Scattered loads and part loads Choice 2-4 1050-1275 lbs. 69.00-70.25, two loads 1250 lbs. 70.75. Mixed Good and Choice 2-3 1000-1150 lbs. 66.00-69.00. Few Good 64.00-66.50.

SLAUGHTER HEIFERS: Part load Choice 2-3 near 1025 lbs. 69.00. Choice 2-4 950-1100 lbs. 66.50-67.25. Choice 2-3 850-950 lbs. 65.00-66.50. Good 61.50-65.00.

Average of LS 214 detailed quotations for 900-1100 lbs. Choice Steers 68.20; 1100-1300 lbs. 70.18. Average cost steers 68.76, average weight 1123 lbs.; as compared 1131 lbs. and 69.26 a week ago. Average cost Heifers 66.96, average weight 990 lbs. as compared 65.98 and 984 lbs a week ago.

COWS: Breaking Utility and Commercial 2-3 37.50-39.00. Cutter and Boning Utility 1-2 33.50-38.00. Canner and Low Cutter 30.00-33.50.

BULLS: 1-2 1100-1800 lbs. 40.00-48.00.

Keister's Livestock

Middleburg, Pa.
Tuesday, January 24, 1983
Report Supplied by PDA

CATTLE 211. Compared with last Tuesday's market, slaughter steers mostly 25 cents-50 cents lower. Slaughter cows mostly $1.50 higher. Choice 2-4 1100-1400 lbs. slaughter steers 66.75-71, few mixed Good & Choice 65.00-66.75, Good 60.00-65.75, few Standard 53.50-56.50. Few Choice slaughter heifers 58.50-64.50, one 70.00, few Good 56.50-61.50, few Standard 46.00-50.60, few Utility 38.25-45.50. Breaking Utility & Commercial slaughter cows 39.00-41.85, Cutter & Boning Utility 36.75-39, Canner & Low Cutter 34.00-37, Shells down to 31.35. Few Good slaughter bullocks 55.00-57. Yield Grade #1 1200-2025 lbs. slaughter bulls 45.50-55.10.

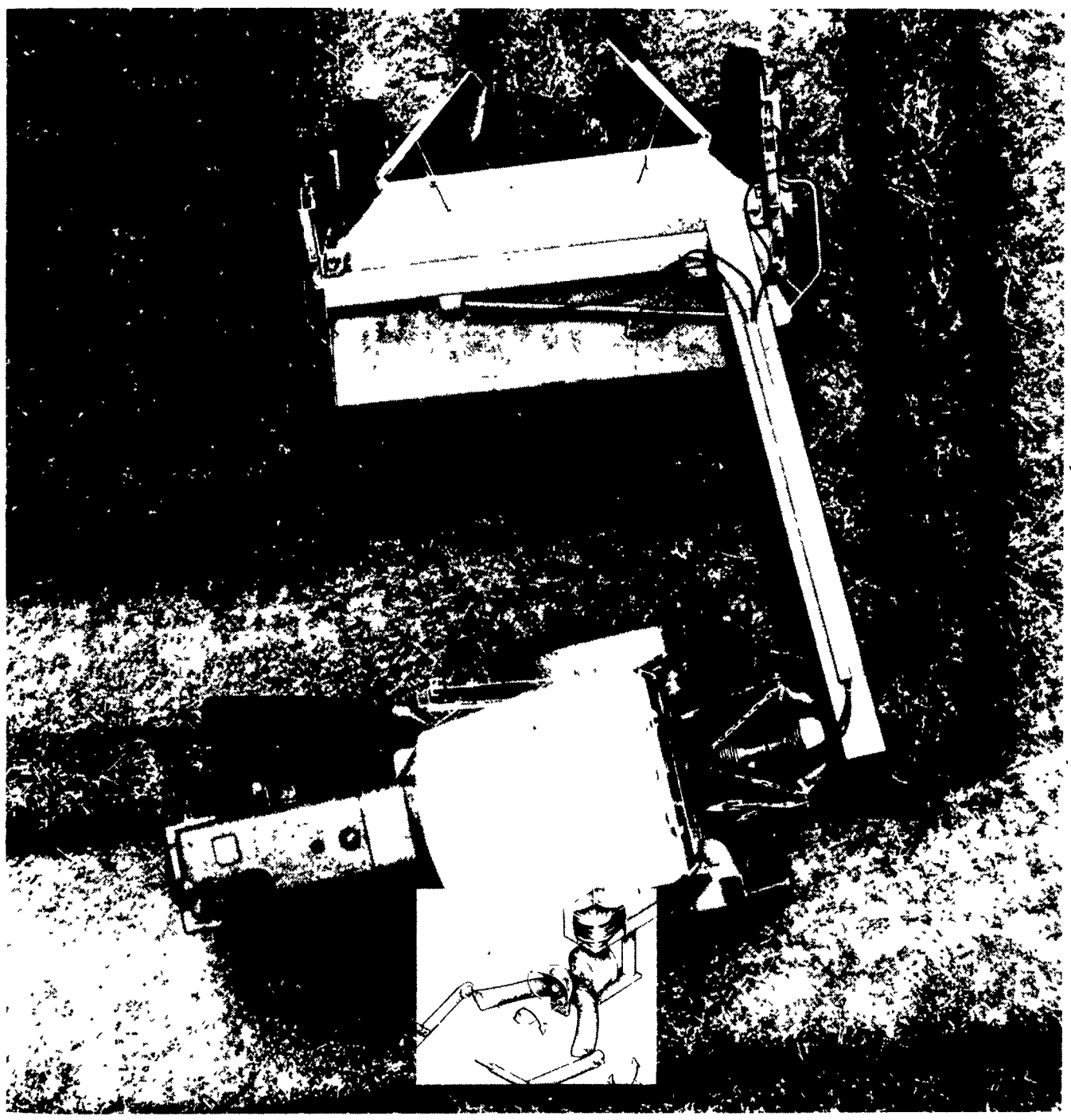
FEEDER CATTLE: Few Large Frame #2 500-700 lbs. feeder steers 39.00-45.00.

CALVES 101. Few Choice vealers 86.00-99, few Good 68.00-85, Standard & Good 70-105 lbs. 50.00-57, Utility 60-85 lbs. 40.00-52.00. Holstein Bulls 90-135 lbs. 55.00-88.00, mostly 65.00-80.

HOGS 688. (Monday 1-23-84) Barrows and gilts $1.-$1.25 higher. US No. 1-2 210-235 lbs. barrows and gilts 53.25-54.50, few 55.50, No. 1-3 2-250 lbs. 52.25-53.25, No. 2-3 190-270 lbs. 51.35-52.00. US No. 1-3 400-600 lbs. sows 41.50-44, No. 2-3 300-500 lbs. 37.50-41.50. HOGS 60. (Tuesday, 1-24-84)

FEEDER PIGS 59. US No. 1-3 30-50 lbs. feeder pigs 20.00-36.50 per head.

SHEEP 1. Not enough of any one grade to establish a market.



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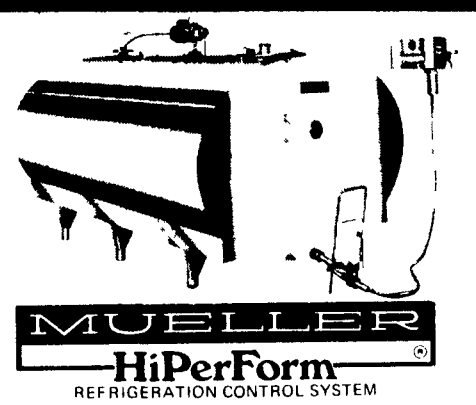

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Livestock market and auction news

Leesport Livestock

Leesport, Pa.
Wednesday, January 25, 1983
Report Supplied by PDA

CATTLE 300. Supply included 50 feeder cattle. Compared with last Wednesday's market, slaughter steers steady to strong. Slaughter cows uneven, Utility & Commercial steady to weak, Canner & Cutter strong to $1.50 higher. Few High Choice & Prime 1170-1500 lbs. slaughter steers 71.00-72.35, Choice 1050-1230 lbs. 68.50-71; Good & Choice 1235-1500 lbs. holsteins 59.00-60.25, Good 50.50-68.35, Standard 51.25-57.50, few Utility & Low Standard 45.25-50.00. Choice 930-1225 lbs. slaughter heifers 63.25-65, one 69.85, Good 50.50-60. Breaking Utility & Commercial slaughter cows 38.75-42, few 44.75, Cutter & Boning Utility 35.50-39.85, Canner & Low Cutter 33.75-36.75. Few Choice slaughter bullocks 59.25-60.50, few Good 54.75-59.25. Few Yield Grade #1 1550-2325 lbs. slaughter bulls 51.85-56.75, few #2 1030-1175 lbs. 46.50-50.75.

FEEDER CATTLE: Few Large & Medium Frame #1 350-600 lbs. feeder steers 60.00-66.50, few #2 400-675 lbs. 44.00-50, few Large #2 400-750 lbs. 42.50-46.50. Medium Frame #1 400-600 lbs. feeder bulls 53.00-60.50.

CALVES 158. Vealers grading Standard and Low Good unevenly steady. Few Choice vealers 86.00-90, Good 68.00-85, Standard & Good (few) 110-130 lbs. 55.00-65, 90-110 lbs. 50.00-56, 70-85 lbs. 42.00-50, Utility 90-110 lbs. (few) 45.00-50, 60-85 lbs. 30.00-42.00.

FARM CALVES: Holstein Bulls 90-130 lbs. 80.00-101, some down to 55.00.

HOGS 423. Barrows and gilts 50 cents -$1 lower. US No. 1-2 205-245 lbs. barrows and gilts 51.00-52, few 53.00, No. 1-3 2-275 lbs. 49.85-51.25, few No. 2-3 3-325 lbs. 45.25-48.25, few No. 1-3 145-190 lbs. 40.00-45.00. Sows steady to strong. US No. 1-3 290-630 lbs. sows 39.50-43, few 46.00, Medium 265-390 lbs. 30.00-39.50. Few Boars 28.00-32, few 1 light weights 36.00-39.50.

FEEDER PIGS 250. ALL SALES PER HUNDREDWEIGHT BASIS. US No. 1-3 25-35 lbs. feeder pigs 78.00-84, No. 1-3 40-65 lbs. 59.00-69, few No. 1-3 100-110 lbs. 48.00-53, 2-3 40-55 lbs. 47.00-57.00.

SHEEP 27. Few High Choice & Prime 60-85 lbs. wooled slaughter lambs 61.50-67, one 77.00, Choice 60-125 lbs. 47.00-56.00. Few Slaughter sheep 14.50-17.00. GOATS 27: Large adult 31.00-40 per head, few 61.00, few Small 21.00-28.00 per head.

Belknap Livestock

Dayton, Pa.
Wednesday, January 25, 1984
Report Supplied by PDA

CATTLE 72. Compared with last Wednesday's market: Individual Good slaughter steer at 55.00, one Standard at 52.00. Couple Good slaughter heifers 54.75&55.00. Few Breaking Utility & Commercial slaughter cows 38.00-41.75, Cutter & Boning Utility 35.00-38.25, Canner & Low Cutter 30.00-35.00, Shells down to 26.00. Individual Yield Grade #1 1425 lbs. slaughter bull at 47.50, one #2 1640 lbs. at 43.75.

FEEDER CATTLE: Few Medium & Large Frame #1 550-850 lbs. feeder steers 46.50-52.50. Medium Frame #1 420-600 lbs. feeder heifers 40.00-47.00.

CALVES 95. Individual Choice vealer at 86.00, few Good 74.00-84, few Standard 59.50-66, Standard & Good 90-120 lbs. 50.00-60, 65-85 lbs. 35.00-50, Utility 45-80 lbs. 20.00-30.00.

FARM CALVES: Holstein Bulls 95-125 lbs. 62.00-90; few Holstein Heifers 90-110 lbs. 59.00-75.00.

HOGS 231. Barrows and gilts 50 cents-$1 lower. US No. 1-2 215-250 lbs. barrows and gilts 51.90-52.75, No. 1-3 210-250 lbs. 50.00-51.80, No. 2-3 2-265 lbs. 47.25-50 lot No. 1-3 185 lbs. at 45.00, 110-145 lbs. 39.00-47.00. Sows steady. US No. 1-3 270-545 lbs. sows 40.00-49.00. Boars 22.00-33.50.

FEEDER PIGS 83. US No. 1-3 25-40 lbs. feeder pigs 11.00-20 per head, Utility 15-25 lbs. 5.00-10.00 per head.

SHEEP 3. Few Slaughter ewes 14.00-17.00.

Central U.S. Carlot

Pork Report
Wednesday, January 25
Report supplied by USDA

Compared to Tuesday's 4:00 report: Fresh Pork Loins 14-17 lbs. Regular Trim $4.00-$6.00 lower, Retaim Trim $3.00-$6.00 off. Skinned Hams uneven, 14-17 lbs. .25-.75 higher, 17-20 lbs. $1.00-1.25 lower. Sdls Bellies $1.50-3.50 lower. Trade moderate, demand light on loins, moderate on other cuts. Offerings moderate.

Sales reported on 42 loads of Fresh Pork Cuts and 14 loads of Trimmings and Boneless Processing Pork.

FRESH PORK CUTS

LOINS: (Regular) 14-17 lbs. 96.00-97.00, 4.00-6.00 lower.

LOINS: (Retail Trim) 14-17 lbs. 108.00, 3.00-6.00 lower; 14-17 lbs. 108.00, load 105.00 Short Cut.

SPARERIBS: 3.5-5.5 lbs. 103.00, no comparison.

HAMS (Skinned): 14-17 lbs. 71.75, .25-.75 higher; 17-20 lbs. 69.75, 1.00-1.25 lower, 17-20 lbs. 72.75-73.00, Frozen/T.I.S., no comparison.

BELLIES (Sdls - Skin On): 8 Mixed Weight Loads. 12-14 lbs. 65.50-66.00, 1.50-3.00 lower; 14-16 lbs. 65.50-66.00, 1.50-3.00 lower; 16-18 lbs. 65.50; 18-20 lbs. 54.00, load at 55.00.

PORK TRIMMINGS/ BONELESS PROCESSING PORK (Chemical Lean)

42% Lean Trimmings Fresh 49.00, mostly 2.00 higher, load 48.00.

72% Lean Trimmings Fresh 70.00, steady.

Bnls Picnics Fresh 74.00-78.00, generally steady.

Central U.S. Carlot

Beef Report
Wednesday, January 25
Report supplied by USDA

Compared to Tuesday's 4:00 Report: Steer carcasses not established, Choice Heifer $2.00 lower, Good $2.00-3.00 lower. Demand and trading light to very light on moderate to heavy supplies. The gross boxed beef carcass cut-out value advanced $1.41 to an estimated $112.00 per cwt., 100 loads boxed cuts reported.

Sales reported on 32 loads of Heifer carcasses.

STEER BEEF
18 Loads
FOB Omaha Basis

Choice 2 600-700 lbs. 107.00-108.50.

Good 2 & Low 3 600-700 lbs. 102.50.

HEIFER BEEF
14 Loads
FOB Omaha Basis

Choice 3 550-700 lbs. 102.00, 2.00 lower; 500-550 lbs. 98.00, 2.00 lower; 400-500 lbs. 96.00, 2.00 lower.

Choice 2 600-700 lbs. 103.50.

Choice 4 500-700 lbs. 98.00, 2.00 lower

Good 2-3 550-700 lbs. 99.00-100.00, 2.00-3.00 lower.

COW BEEF
7 Loads
FOB Omaha Basis

Few sales $1.00-2.00 lower but not well established. Demand light on light to moderate supplies.

Canner & Cutter 350&up lbs. 73.00-74.00 MW.

FOB Amarillo Basis

Brkg Util 3-4 450&up lbs. 69.50 West.

Bng Util 1-3 400&up lbs. 72.00-73.00.

Canner & Cutter 1-2 350&up lbs. 76.00.

BULL BEEF
3 Loads
FOB Omaha Basis

Bull 1-2 500&up lbs. 82.00-84.00.

PRIMAL BEEF CUTS
2 Loads
FOB Omaha Basis

Choice 3: Hinds (H) 120-170 lbs. 115.00.

BONELESS PROCESSING BEEF/BEEF TRIMMINGS
76 Loads
FOB Omaha Basis

90% Chem Lean Fresh 101.00-103.00.

90% Chem Lean Frozen 104.00.

50% Chem Lean Fresh 59.00-60.50, bulk 59.00.

FOB Amarillo Basis

90% Chem Lean Fresh 103.00-104.50.

85% Chem Lean Fresh 97.00.

50% Chem Lean Fresh 61.00.

Oklahoma Cattle

Wednesday, January 25

Estimated Receipts:	8,200
Same Day Last Week:	3,750

Feeder steers steady to 50 cents lower. Feeder heifers under 500 lb. firm to 1.00 higher; over 500 lb. uneven, averaging steady to 50 cents lower. Demand moderate. Bulk supply medium and large frame 1 and mixed 1-2 500-800 lb. feeder steers and 400-700 lb. heifers.

FEEDER STEERS: Medium and large frame 1 400-500 lb. 66.00-73.50; 500-600 lb. 65.00-70.90; 600-790 lb. 64.75-68.80 bulk 66.00-68.00; 700-800 lb. 65.00-68.20 mostly 65.70-67.90; 800-900 lb. 64.30-67.40; Lot 1145 lb. 57.30.

Small frame 1 400-500 lb. 60.25-65.25.

Medium and large frame mixed 1-2 4540-725 lb. 63.00-66.00; 775-900 lb. 60.00-64.00.

Large frame 2 540 lb. thin 63.00; 605 lb. 56.00; Holsteins 770 lb. 47.00; 815 lb. 49.50; 1115 lb. 44.80.

FEEDER HEIFERS: Medium and large frame 1 350-500 lb. 56.75-60.75, lot 430 lb. 62.50; 500-600 lb. 58.00-61.30; 600-750 lb. 58.00-61.90, several 59.90-61.70, lot 655 lb. 63.70 early; loads fleshy 635-695 lb. 57.30-57.80; lot fleshy 825 lb. 55.90.

Medium and large frame mixed 1-2 400-500 lb. 53.00-57.50; 500-750 lb. 53.00-59.00, several lots 57.00-58.50.

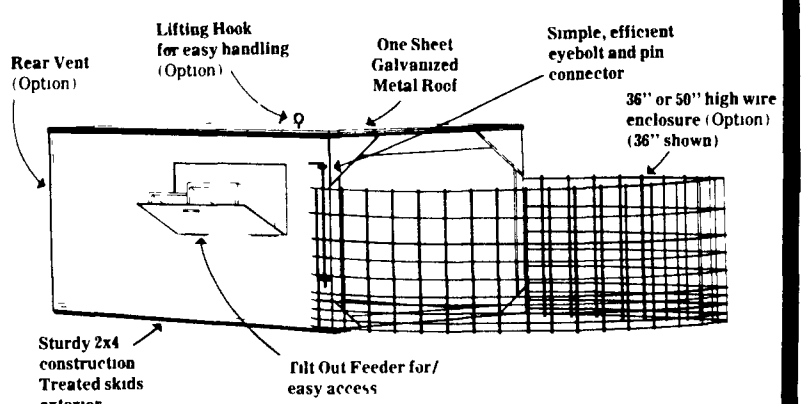
For The Week: Feeder Steers and heifers steady to 1.50 lower, several 50 cents to 1.00 off. Slaughter cows through Wednesday steady. Bulls 1.00 to mostly 2.00 higher.

Valley Livestock

Valley Stockyards
Athens, Pa.
Monday, January 23
Report supplied by auction

Holstein Hfr. Calves to 58.00; Veal Calves 65.00-86.00; Vealer Bull Calves 70.00-89.00; Slaughter Calves 40.00-55.00; Grassers & Feeders 35.00-50.00; Lambs 42.00-47.50; Sheep 10.00-27.00; Hogs, 200 to 250 45.00-52.50; Sows 33.00-37.00; Boars 25.00-29.50; Pigs 8.00-28.50; Heifers 41.50-48.00; Steers, holsteins 42.00-51.00; Steers, feeder 34.00-50.00; Bulls 42.00-46.25; Cows, utility 38.50-40.25; Cows, fat 36.00-38.00; Cows, medium 33.50-35.00; Cows, poor or small 25.00-32.00; Cattle Market steady; Calf Market steady; Horses none; Ponies to 130.00 each; Goats 12.00-62.50; Hay 65.00-80.00 per ton.

Compare the Stoltzfus Woodwork Calf Hutch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NOTICE! Hauling Services Available

Livestock market

Joliet Cattle

Thursday, January 26
Report supplied by USDA

WEEKLY CATTLE

Friday through Wednesday's salable receipts 2,000; 5 days last week 2073; same period a year ago 2888. Trading moderate on Monday; slow on Wednesday. Slaughter Heifers ended the week steady to firm. Cows closed the week 2.00-3.00 higher.

SLAUGHTER STEERS: Choice few Prime 3-4 1200-1400# 72.00-72.50, load 72.75, load 73.00 Monday; load 71.50, load 72.50, load 73.00 Wednesday, load mostly 4, few 5 1400# with considerable mud 70.00 Monday. Choice 2-4 1050-1350# 69.00-72.00 Monday; 68.00-70.75 Wednesday. Mixed Good and Choice 2-3 100-1350# 67.50-69.00 Monday; 66.50-68.00 Wednesday, mostly Choice 2-3 1100-1400# Holsteins 58.00-60.00 Monday.

SLAUGHTER HEIFERS: Choice 2-4 900-1100# 68.00-70.00, load 70.50 Monday; few packages and 2 muddy loads 67.50-69.00 Wednesday. Mixed Good and Choice 2-3 850-1000# 65.50-68.00.

COWS: Canner and Cutter 1-2 36.00-38.00. Shelly Canner 1-2 30.00-34.00.

New Holland Horse

New Holland Sales Stables
Monday, January 23
Report supplied by auction

Reported receipts of 117 head of horses, mules, and ponies. Market: steady.

LOCAL

Better horses 350.00-560.00.
Driving horses 250.00-500.00.
Riding horses 225.00-300.00.
Lightweight killers 215.00-300.00,
Heavyweight killers 350.00-460.00
Mares 25.00-70.00; Colts 10.00-20.00; Geldings 25.00-70.00.
Larger ponies 100.00-190.00.

Indiana Livestock

Homer City, Pa.
Thursday, January 26
Report supplied by PDA

CATTLE: 208. Compared with last Thursday's market: Slaughter steers .50-1.00 lower; Sl. cows .50-1.00 higher. Sl. steers: Choice 64.00-68.00; Good 68.00-64.25; few Standard 52.50-58.50; Sl. Heifers: Choice 61.25-64.00; Good 57.00-61.50; Standard 46.00-51.00. Sl. cows: Breaking Utility & Commercial 40.50-44.00; Cutter & Boning Utility 36.50-40.00; Canner and L. Cutter 32.00-37.00; Shells down to 20.00. Sl. bulls: few Yield Grade No. 1, 1100-1700 lbs. 46.00-48.00; few Yield Grade No. 2, 900-1300 lbs. 43.00-46.00.

FEEDER CATTLE: Heifers, few Medium Frame No. 1, 400-500 lbs. 50.00-54.00. Bulls, few Medium Frame No. 1, 400-600 lbs. 54.00-57.00.

CALVES: 217. Vealers mostly steady, few Choice 88.00-97.00; few Good 70.00-85.00; 90-120 lbs. 50.00-59.00; 60-85 lbs. 40.00-50.50; few Utility 50-85 lbs. 30.00-40.00.

FARM CALVES: Hol. Bulls 90-135 lbs. 60.00-102.00.

HOGS: 200. Barrows and gilts 1.50-2.00 lower. US No. 1-2 200-255 lbs. 51.00-51.75 No. 1-3 225-260 lbs. 50.25-51.00; No. 1-3 lightweights 160-180 lbs. 45.00-47.00; Sows US No. 1-3 300-500 lbs. 39.00-44.50; No. 2-3 350-600 lbs. 37.00-40.00. Boars 25.50-33.25.

FEEDER PIGS: 88. US No. 1-2 35-50 lbs. 27.00-30.00 per head; No. 1-3 25-30 lbs. 20.00-22.50; Utility 20-35 lbs. 12.50-17.00.

SHEEP: 2. Couple Choice wooled lambs 95 lbs. 48.00 & 51.50.

Lebanon Valley Auction

Fredericksburg, Pa.
Tuesday, January 24

Market not covered by reporter due to weather conditions, although headages were supplied by the auction.

CATTLE 182.
CALVES 147.
HOGS 98.
FEEDER PIGS 0.
SHEEP 0.

Buy 10 bags of Stanford Forage Seed ...and the jacket's on us

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JACKET SIZE (circle one) S M L XL

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SEED PURCHASED FROM _____

DATE PURCHASED _____

NUMBER OF BAGS PURCHASED (must total 10)

_____ MEDISTAN BRAND ALFALFA
_____ TRISTAN CLOVER
_____ PEAK BRAND TREFOIL
_____ TIMSTAN 1 BRAND TIMOTHY
_____ TIMSTAN 2 BRAND TIMOTHY

Stanford

Livestock market

Chambersburg Auction

Chambersburg, Pa.
Thursday, January 26
Report supplied by PDA

CATTLE: 493. Compared with last Thursday's market: Sl. cows 1.00-3.00 lower. Sl. steers: (few) low Choice NO. 2-4, 65.10-66.25; Good 58.50-65.00; Standard 48.25-55.00. Sl. cows: Breaking Utility & Commercial 36.00-3.10; Cutter & Boning Utility 34.75-37.75; Canner & L. Cutter 31.00-35.00; Shells down to 26.75. Sl. bullocks: (few) Standard 47.00-47.75. Sl. bulls: Yield Grade No. 1 1150-1800 lbs. 47.00-52.10; (few) Yield Grade No. 2 1200-1360 lbs. 39.00-45.25.

FEEDER CATTLE: Steers, (few) Medium Frame No. 1 400-790 lbs. 54.00-65.00.

CALVES: 451. Choice 80.00-99.00; (few) Good 65.00-78.00; Standard & Good 75-110 lbs. 52.00-62.00; Utility 60-85 lbs. 43.00-52.00.

FARM CALVES: Hol. Bulls 90-95 lbs. 70.00-90.00; 100-125 lbs. 85.00-105.00.

HOGS: 121. Barrows and gilts 2.25-3.00 lower. No. 1-3 220-235 lbs. 49.10-49.75; Sows US No. 1-3 350-560 lbs. 40.00-47.00; few Medium 225-375 lbs. 34.00-40.50. Boars 27.25-28.50.

FEEDER PIGS 45. US No. 1-3 20-40 lbs. 9.00-15.00 per head.

SHEEP: 14. (few) Good & Choice 60-112 lbs. 51.50-56.50.

GOATS: 5. Few Large 22.00-35.00.

Weekly Summary

Fri., Jan. 27
Report Supplied by PDA

CATTLE: 6417. Compared with 6136 head last week, and 5761 head a year ago. Compared with last week's market: Slaughter steers & heifers, highly uneven; Sl. cows steady to 1.00 lower; Sl. bulls steady to 1.00 higher. Sl. steers: High Choice & Prime No. 3-4, 71.00-74.50; Choice NO. 2-4, 68.00-72.00; Good 58.00-67.00; Standard 48.00-58.00. Sl. heifers: Choice 61.00-69.25; Good 57.00-65.00; Standard 46.00-54.00. Sl. cows: Breaking Utility & Commercial 38.00-41.50; Cutter & Boning Utility 35.00-40.75; Canner & L. Cutter 30.00-37.00; Shells down to 20.00. Sl. bullocks: Choice 58.00-64.50; Good 54.00-58.50; (few) Standard 47.00-55.00. Sl. bulls: (few) Yield Grade No. 1, 1000-2400 lbs 47.00-55.00; (few) Yield Grade No. 2, 900-1450 lbs 43.00-50.00.

FEEDER CATTLE: Steers, (few) Medium Frame No. 1, 350-800 lbs. 53.00-65.25; (few) Large Frame No. 2, 400-750 lbs. 39.00-46.50. Heifers, (few) Medium Frame No. 1, 300-750 lbs. 40.00-56.00; (Few) Medium Frame No. 1, 300-700 lbs 32.00-44.00. Bulls, Medium Frame No. 1, 400-700 lbs 53.00-60.50.

CALVES: 3982. Compared with 3761 head last week and 3607 head a year ago. Vealers mostly steady, but spots to 5.00 higher (few) Prime 107.00-129.00; (few) Choice 86.00-115.00; (few) good 75.00-95.00; 55-70 lbs. 110.00-130.00; 90-110 lbs. 49.00-60.00; 65-90 lbs. 42.00-51.00; (few) Utility 50-110 lbs. 25.00-40.00.

FARM CALVES: Hol. Bulls 90-130 lbs. 55.00-115.00; few Hol. Heifers 90-140 lbs. 53.00-77.50, mostly 65.00-106.00.

HOGS: 6705. Compared with 6841 head last week and 6577 head a year ago. Barrows and gilts steady to 1.00 lower. US No. 1-2 200-245 lbs. 51.00-52.75 No. 1-3 200-250 lbs. 49.00-51.50; No. 2-3 200-285 lbs. 47.00-50.00; No. 1-3 140-190 lbs. 40.00-47.00; Sows steady to 1.00 higher. US No. 1-3 300-585b lbs. 39.00-47.50; No. 2-3 300-675 lbs. 36.50-41.50. Boars 27.00-35.50.

FEEDER PIGS 983. Compared with 1024 head last week and 1346 a year ago. Steady to 5.00 higher. US No 1-3 20-35 lbs. 13.00-22.50 per head; No. 1-3 35-50 lbs. 17.00-32.50; No. 1-3 50-85 lbs. 28.00-41.50; Utility 20-40 lbs. 8.00-17.00.

3 GRADED FEEDER PIG SALES: 1600. Compared with 2374 head last week, and 2280 head a year ago. All sales by CWT. Feeder Pigs small supply strong to 24.00 higher. US No. 1-2 25-40 lbs. 90.00-107.00, 40-50 lbs. 79.00-112.00, 50-60 lbs. 72.00-95.00, 60-70 lbs. 62.00-67.00; US No. 2-3 30-40 lbs. 76.00-84.00.

SHEEP: 536. Compared with 656 head last week and 447 head a year ago. Weak to 1.00 lower. High Choice & Prime 70-110 lbs. 60.00-70.00; Choice 75-125 lbs. 50.00-60.50; Good 60-90 lbs. 47.00-55.00. Sl. ewes: 14.00-29.00.

Potato stocks down

HARRISBURG — Totaled stocks of potatoes stored in Pennsylvania on January 1, 1984 were 2,200,000 hundredweight, 44 percent less than a year ago according to the Pennsylvania Crop and Livestock Reporting Service. Of this amount, 1,025,000 cwt. or 47 percent of total stocks were stored in processors' facilities.

Stocks are defined as the quantity remaining in storage for all purposes and uses, including shrinkage and waste and other losses that occur after the date of each report. Stocks may also include potatoes produced in other states. Sales of fall potatoes for all purposes generally account for about 90 percent of the total fall production. Shrinkage, loss and home use account for the remaining ten percent.

January 1, 1984 potato stocks totaled an estimated 161 million cwt. for the 15 states in the stocks program, down ten percent from a year ago and two percent from the 1982 stocks. By variety, potatoes were 70 percent russet; 26 percent white; and 4 percent red, based on data from the 11 objective yield states. The storage total accounted for 58 percent of fall potato production compared with 60 percent a year ago.

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JD 430 wide front, 3 pt $9,350
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(1) JD 6620LL Combine w/213 Flex Head 800 hrs $52,000
(1) IH 203 Combine, Gas w/10' Platform, P U Reel, 2 Row Cornhead, Cab $3,950
(1) New Idea #325 Two Row Narrow Picker w/Sheller, Heavy PTO $4,350
(1) Gleaner Model K w/10' Platform and 2 Row Corn Head, Cab $6,950
(1) JD 443 Corn head $3,450
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(1) Used 350 BU Myer Morton PTO Batch Dryer $3,450

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JD 2640 Hi-Lo Shift, 472 hrs , like new
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(1) John Deere 34 w/One Row RC & Pickup $1,550
(1) Grove Forage Wagon w/Roof & Gear $1,850
(1) John Deere Three Row Row Crop Attachment, New Belts $3,850
(3) Badger Self Unloading Wagons w/Tandem Gears and Roofs (Sharp) ea. $3,500
(1) Kelly-Ryan Silage Dump Container $2,950

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(1) John Deere 485 9' Mower Conditioner $1,250
(1) New Holland 479 9' Haybine $1,400
(1) MF #12 Baler w/Thrower, Hydraulic Control $1,350
(1) IH 46T w/Thrower $1,050

TILLAGE:

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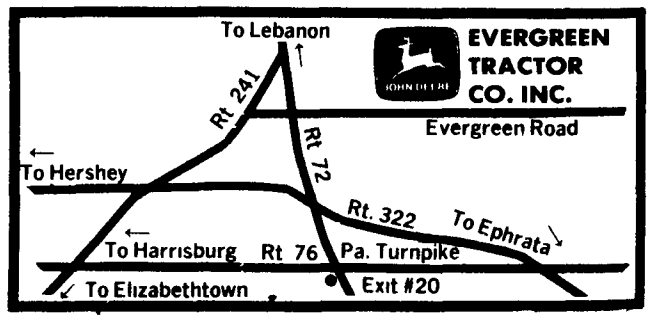

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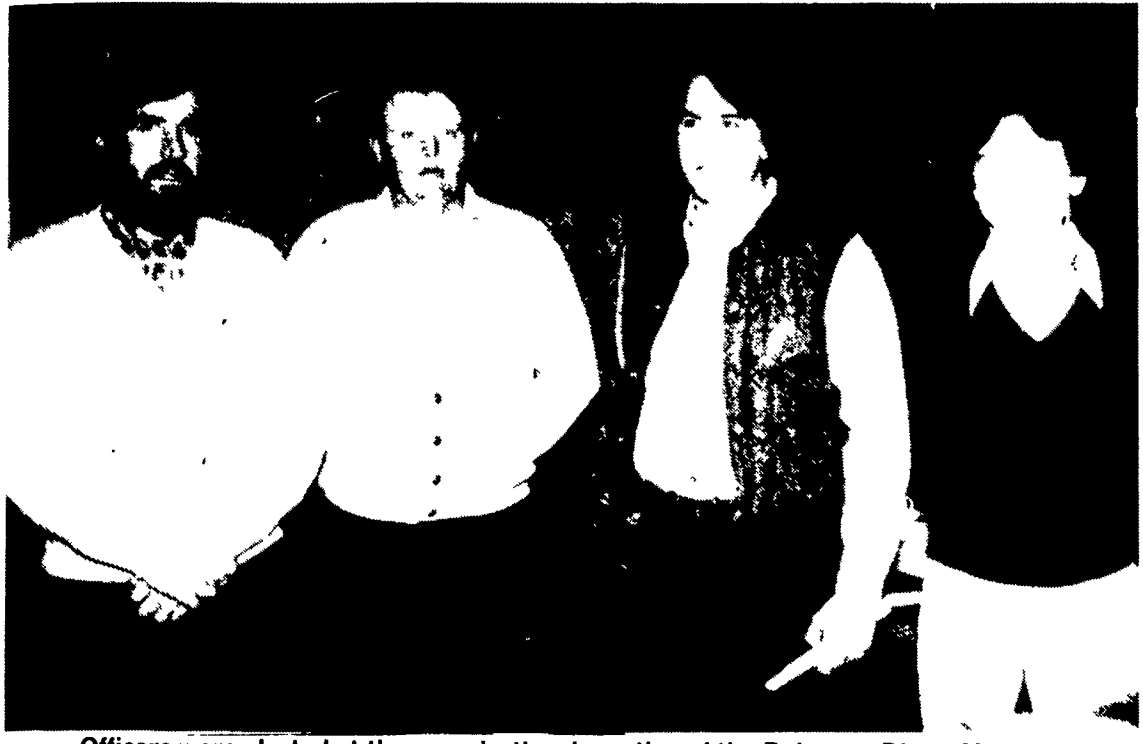

Officers were elected at the organizational meeting of the Delaware Direct Marketing Association. Serving the association in its first year will be, from the left, Al Warner, president; Bill O'Day, vice president; Dan Scheller, treasurer; and Bob Draper, secretary.

Del. direct marketers elect officers

BY TRISH WILLIAMS

DOVER, DE — After several preliminary meetings, the Delaware Direct Marketing Association, Inc. met Tuesday to elect officers and discuss the intent of the association's beginning stages.

The meeting was held at the Dover Sheraton Inn in conjunction with the sixth annual statewide vegetable meeting. An estimated 25 persons attending the direct marketing voted to elect the following slate of officers: Al Warner, president; Bill O'Day, vice president; Dan Scheller, treasurer; and Bob Draper, secretary.

Carl German, Extension marketing specialist, and Bill Sammons, Marketing and Promotion Div., Del. dept. of agriculture, will serve as advisors to the association for the first year.

German has been instrumental in organizing the association in order to provide Delaware's direct marketers with a network to exchange ideas and promote their industry.

According to its constitution the purposes of the association are:

- to establish and maintain basic operating standards of quality and representation that will inspire public confidence in direct marketing;
- to provide members with information, publicity and merchandising materials that will assist in promoting the sale of Delaware farm products;
- to provide support and direction to educational and research activities;
- to provide a medium for exhanging information and experience among the membership so that the industry as a whole will be more successful;
- to serve as a voice for the industry.

Warner emphasized that the organization is strickly geared toward the marketing function and will not deal with problems of production.

Warner recommended members attend the Mid-Atlantic Direct Marketing Conference to be held Feb. 21-23 at the Host Farm in Lancaster, Pa. A state meeting of the Delaware Direct Marketing Association will be held during the Mid-Atlantic Conference.

The next meeting of the Association is scheduled for Tuesday, Feb. 28 at 7 p.m. in the State Dept. of Agriculture building in Dover.

Mass. heifer tops Guernsey Sale

BY TRISH WILLIAMS

LANCASTER — Splendor V Jupiter Firefly, a bred heifer from Cummington, Mass. topped the 331st Special Guernsey Sale, Thursday at the Guernsey Sales Barn.

Consigned by Shawn L. Thayer, the heifer brought $1700 from her buyers, D. Marion and Mildred Benedict, Long Lane Farm, Waynesboro. The Benedict's milk 35 registered Guernseys on their Franklin County farm. The Long Lane herd was the first herd of registered Guernseys in Franklin county according to Ruth Ann John, of the Pa. Guernsey Breeders Association and daughter of the Benedicts.

Firefly is due to calve March 25th to Jonkar Telestars Pride. Her sire, Lone Palm T H Jupiter, has a PD +959M +21F +101$. Her dam, Sunnydell Titan Flame, made a 317 day record as a 5-year-old of 15,091 pounds of milk and 813 pounds of fat.

Two females brought $1500 each, to tie for second high seller. Chestnuts B Prince Julia was consigned by G. Luther Huston, Herbon, Md. She was purchased by Terrence and Patricia Murren, Hanover. Julia is due Jan. 30 to Western Gow Wistar Premier.

Lebanon Valley Premier Meg, bred and consigned by Robert B. Smith, Annville, Lebanon County, also brought $1500. Meg, a fresh 2-year-old, is a Maxvales T H Dittos Ditto daughter. Her dam, Lebanon Valley Hornet Vibree, has a 305 day record made as a 4-year-old of 15,582M 435F. Meg sold to Robert E. and Joyce A. Wagner, Quarryville.

Two bulls were sold. Both are sons of Co Hill Farms T H Big Tex. The bulls sold for $325 and $350 to Gene DeLong, Bowers, Pa.

The 32 females sold for an average of $896. The sale total was $29,350.

Buyers of the heifer bringing top bid at Thursday's Guernsey Sale are D. Marion and Mildred Benedict. Ruth Ann John, right, is with the Pa. Guernsey Breeders Association.

"MASTER FARMER FERTILIZERS"

in co-operation with the Penn-State Extension Service, is again presenting a series of evening meetings pertaining to our Major crops.

We have attempted to develop a schedule of interest, with capable and knowledgable speakers. We sincerely hope you will find the time and interest to attend some or all of these meetings.

The Meeting Schedule Is As Follows:

Place: Leola Family Restaurant, basement
Time: 7:30 Prompt!
Dates: As shown below

2. Monday, January 30th	- ALFALFA
John Yocum	- Penn State Research Farm, Landisville, Pa.
Don Mahlandt	- Pennfield Feeds, Dairy Sales Mgr. Forage nutrition in dairy.
3. Thursday, February 16th	- PASTURES & SMALL GRAIN
Dr. Elwood Hatley	- Penn State University, Extension Agronomist. Small Grain
Dr. Tom Lanini	- Penn State University, Extension Agronomist. Weed Specialist - How to control spiney pigweed in pastures!
4. Monday, February 27th	- TOBACCO
John Yocum	- Penn State Research Farm, Landisville, Pa.
Chemical Reps	- Geigy, FMC, Dow, Chevron. Brief summary of chemical recommendations of Tobacco.
Tobacco Cos	- Southern & Lancaster Co. companies will be invited.

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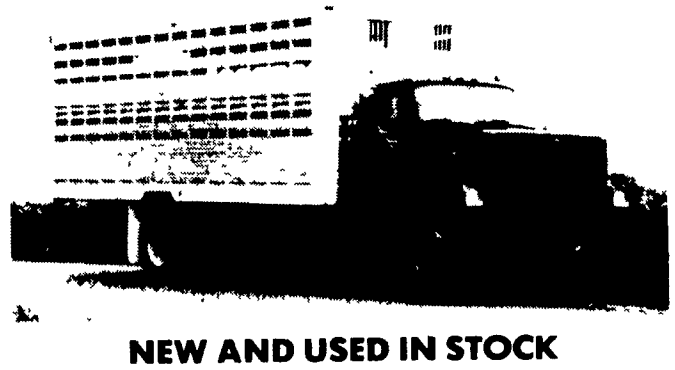

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Franklin Holstein Club presents awards

By Beth Hemminger
Staff Correspondent

KAUFFMAN STATION — The Franklin County Holstein Club recently hneld its awards banquet at Kauffman Community Center, Kauffman Station.

The highlight of the evening meeting was the presentation of numerous awards to club members.

First to receive recognition were the junior members. Receiving an award in the Milk and Fat Contest for the Junior Club was Leslie Fahrney winning an award for her 2-year-old's production record. Fahrney's prize 2-year-old also claimed fifth place in the state competition.

The winning 4-year-old in the competition is owned by Tom Eckstine. Eckstine stated that this 4-year-old is classified at 82.

Winning in the 5-year-old and over category was Steve Eckstine's 6-year old cow, Karen.

Franklin County Distinguished Junior Boy and Girl awards were presented to Beverly Meyers and Tom Eckstine, respectively. Steve Meyers was the receipient of Franklin County Distinguished Senior Boy Award.

Club awards were presented to members who had won top placings at the 1983 Franklin County Holstein Show. Stanley Helman, Rowe-Spring Farms, claimed the Grand Champion Female honors, while the Junior Champion Female award went to Beverly Meyers. Wayne Locke of Lockway Farms, received the awards for the Reserve Grand Champion Female and Reserve Junior Champion Female.

The high milk production award for the county went to Ment-Wood Farm's Kingstead Miss Elevation, with a production record of 30,822 pounds of milk and 944 pounds of fat.

Rinehart Elevation Collena, owned by Jerry Martin, received the production award for fat with a record of 1,136 pounds of fat and 27,629 pounds of milk.

One 1983 All Pennsylvania Award was presented at the banquet to Jim and Nina Burdette as the owners of the Reserve All-Pennsylvania Junior Heifer Calf, Windy-Knoll View Falcon Pamela.

Burdette was also the recipient of a new award presented in appreciation of his service and hard work as president of the county club for the last two years.

The meeting and banquet concluded with the announcement of the newly elected directors for 1984. The new directors are Ed Brake, Jim Burdette, Grant Gayman and Alvin Meyers.

Pa. crop yields drop in 1983

HARRISBURG — Based on acreage and production data, Pennsylvania farmers produced less corn for grain, corn for silage, soybeans, hay tobacco and potatoes during 1983 than in 1982. Corn for grain produced during 1983 totaled 72.5 million bushels, down 43 percent from 1982. Corn acres harvested for grain amounted to 1.05 million and yielded 69.0 bushels per acre. Corn for silage production was 5.57 million tons, 25 percent below last year. Acres harvested totaled 530,000 with an average yield of 10.5 tons per acre.

Keystone state Farmers harvested 105,000 acres of soybeans with an average yield of 26.0 bushels per acre. Total production was 2.73 million bushels, 15 percent less than 1982.

Alfalfa hay production totaled 2.38 million tons, six percent less than last year. Acres harvested totaled 850,000 and a yield of 2.8 tons per acre. All other hay acres harvested totaled 1.12 million which yielded 2.0 tons per acre for a total production of 2.24 million tons.

All tobacco production totaled 22.8 million pounds, 12 percent below last year. Acres for harvest amounted to 12,000 with an average yield per acre of 1,900 pounds. Of the total tobacco production, 14.63 million pounds was Pennsylvania Seedleaf Type and 8.17 million pounds was Maryland Type. Keystone farmers harvested 7,700 acres of Pennsylvania Seedleaf Type with an average yield of 1,900 pounds per acre. Maryland Type was harvested from 4,300 acres with an average yield of 1,900 pounds per acre.

Fall potato production in 1983 totaled 4,300,000 hundredweight (cwt.), down 25 percent from 1982. Acres harvested amounted to 21,500 and yielded an average of 200 cwt. per acre.

At the United States level, production of major crops and the changes from previous year are as follows: corn for grain, 4.2 billion bushels, down 50 percent; corn for silage, 95 million tons, down 16 percent; soybeans, 1.6 billion bushels, down 28 percent; alfalfa hay, 83.52 million tons, down eight percent; all other hay, 59.46 million tons, down four percent; all tobacco, 1.41 billion pounds, down 29 percent; and fall potatoes, 288 million cwt., down six percent.

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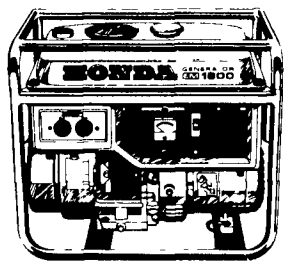

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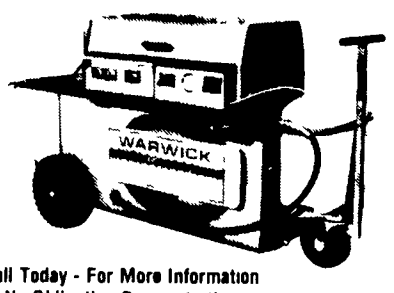

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Adams County Ext. honors Murren family

BY SALLY BAIR
Staff Correspondent

BIGLERVILLE — Three sons and three daughters of the late Edward and Rose Murren were recognized last Thursday for their combined total of 130 years of volunteer leadership in the 4-H program in Adams County. The six were presented with the Extension Association's Leadership Recognition Award for 1984 at the group's annual meeting held in Biglerville.

Those receiving awards included:

Francis, a 4-H leaders for 25 years. He showed the first grand champion baby beef at the Pennsylvania Farm Show in 1926. He had six sons active in 4-H, and farmed near Brushtown.

Stella Murren Wildasin was a local leader for 11 years.

Grace Murren Dennis, a leader for 14 years in the Idaville Upper Adams Clubs, and now has a daughter Judy who is extension home economist in McKeen County.

Simon, serving with the religious order of brothers of Holy Cross at Notre Dame, South Bend. He was a leader of dairy, corn and pig clubs for five years in the 1940's.

Tom was recognized last year for 35 years as a 4-H leader in the dairy club. A 4-H'er for 8 years, his nine children have a combined total of 89 years in 4-H activities. Tom operated the Murren homestead, and the farm is now being farmed by son, Terry.

Theresa has been a volunteer leader for 38 years, and has served as a member of the extension executive committee as well as on the board of 4-H clubs.

Rose Murren, their mother, was widowed after 15 years of marriage and eight children, and went on to become the only woman ever to be honored with the prestigious Master Farmer Award. When she was honored, an account wrote: "She was recognized for her interest in new technology, adopting improved methods and following recommendations of the county agent, and specialists of the Cooperative Extension Service."

A further quote from the story on her success, "Another reason for her success has been the willingness of each child to pitch in and help. Cooperation has been the keynote. The girls as well as the boys have worked in the fields, and while they were doing this, all but one has been active in 4-H Club work."

One daughter, Bertha didn't like being teased about being left-handed, so did not continue in 4-H. She later had three active daughters in Adams County's 4-H program. Another daughter, Elizabeth, was a 4-H leader for 13 years before she died in 1969.

In memory of their mother, and because of her deep interest in youth, the family established the Rose Murren Memorial Fund which makes an award each year to a 4-H'er who has given devoted service but has not been fully recognized for their leadership abilities through other programs.

In making the award presentations, County Agent Tom Piper said, "We express appreciation for these years of loyal volunteer service. Let us, like them, draw inspiration from the lives of parents, teachers and volunteer leaders who have boosted us along the way." Twenty-five family members were present for the award.

In other business, six county residents were elected to serve as directors of the extension association. They are: Glenn F. Kime, R1, Gardners; Bonnie Kuntz, R1, Gardners; Russel C. Redding, Hilltown Road, Gettysburg; David A. Reinecker, York Springs; Cindy Smith, Barlow-Greenmount road, Gettysburg; and Mirian Zepp, Beaver Run Road, New Oxford.

Three retiring directors were given plaques. There were Freida Johson, Barlow Road, Gettysburg; Atlee Keefer, R2, York Springs; and Daniel Winters, R5, Hanover.

The extension staff provided highlights of the 1983 year with a multi-media slide presentation.

Four former Adams County 4-H'ers were invited to speak on the evening's theme, "4-H - Building on Experience."

Jane Sowers Bodenburg, a fifth grade teacher near Chambersburg, spoke on her 4-H training relating to communications skills and personal development, telling how they help her as she plans and carries out her duties as a teacher.

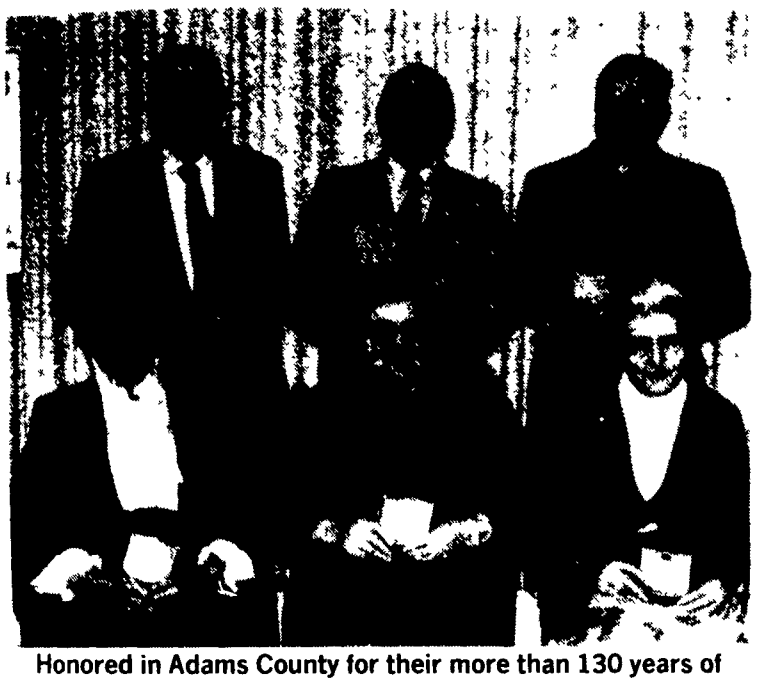
Mary Ann Klinger, extension home economist in Lehigh County, said 4-H helped her establish her career goal, and continues to help her in the extension work.

Donald Lott, entomologist and general manager of the northern division of B&W Quality Growers Association, the world's largest supplier of watercress, spoke about how his 4-H experiences influenced him and helped him gain skills useful in his present work in agriculture.

Sally Brown Bair, Lancaster staff correspondent for Lancaster Farming newspaper, discussed 4-H from the perspective of her experiences in the International Farm Youth Exchange program and the 4-H Teen Caravan program.

James McKeehen, assistant director for the southeast region, spoke briefly, and Mary Grim, president of the Pennsylvania Council of Cooperative Extension Associations gave a report.

Plaques of recognition were given to Kay King, Miriam Zepp and Cindy Reinecker for serving as hosts to IFYES and participating in the 4-H Ambassador program.



Honored in Adams County for their more than 130 years of service to 4-H are sons and daughters of the late Edward and Rose Murren, seated from left, Stella Murren Wildasin, Grace Murren Dennis and Theresa Murren; standing from left, Francis, Tom and Simon.

Retiring directors recognized by Adams County Extension Association are, from the left, Dan Winters, R5 Hanover; Freida Johnson, Gettysburg; and Atlee Keefer, R2 York Springs.

Newly-elected directors of Adams County Extension Association are, from the left, Bonnie Kuntz, Dave Reinecker, Miriam Zepp, Glenn Kime, Cindy Smith and Russell Redding.

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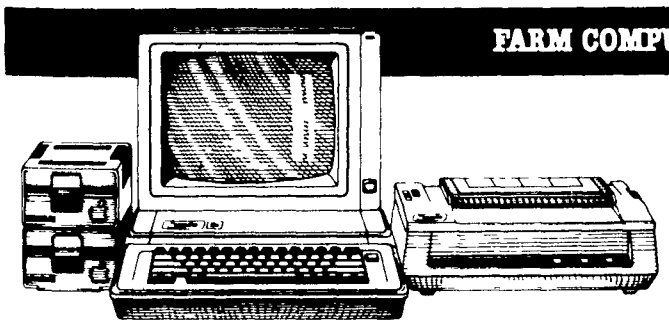

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Beshores live their support of dairy industry

BY JOYCE BUPP
Staff Correspondent

NEW CUMBERLAND — The steaming cup of hot chocolate, topped with a garnish of real whipped cream, served to a visitor on a cold winter day, typifies the manner in which E. Wayne and Athena Beshore live their support of the dairy industry.

Throughout more than 35 years a dairy producers on their northern York County farm, the Beshores have got that extra step in production, promotion and leadership. Their quiet, exacting devotion has carried through from the neatly-maintained farmstead along the Old Susquehanna Trail over into the numerous community and church organizations in which both have been involved.

For his service to the dairy industry, Wayne recently received the Pennsylvania Dairymen's Association's prestigious Charles E. Cowan award, presented annually to a deserving individual for "leadership contributing to improvement and promotion of the dairy industry."

Beshore has been a director for seven years on the Federal Order 4 milk marketing board, and is currently the sole representative of Order 4's independent producers. He also serves as vice-president of Keystone Milk Marketing and has been a director of the Dairymen's Association for a decade.

But his leadership extends well beyond dairy promotion groups. Over the past several years, he's been president of the York County Holstein Association, the county's Farmers Association, the county extension service Executive Committee, and been a director of the state Holstein Association, county Farmers Home Administratin and county DHIA.

In 1981, Beshore was selected a Master-Farmer, and he has shared his agriculture expertise with the community through township planning committee, school board, the Grange, Dairy Shrine club and church affiliations.

Born "just up the road" from the family's gracious farm home, on land Beshore Farms still owns, Wayne grew up on a general farm that included dairy cows, hogs, and an assortment of truck and fruit crops, like raspberries and asparagus.

"My father survived the depression by picking strawberries," reminisces Beshore.

To support his family in those lean years, Elmer Beshore, Wayne's father, established a weekly sales route, serving customers in nearby New Cumberland with farm fresh produce, eggs and home-butchered meats in season.

After four years of Army service during World War II, including a 19-month tour in India, Wayne returned to the family farm to begin working with his parents. He and Athena, a "town" girl from newberry in the adjoining township, settled on the farm and began assisting with the sales route business.

It was the dairy cows that most held Wayne's interest, though, and he soon saw a need to improve on the small herd of milking animals.

In 1947, the herd was enrolled on DHIA testing, finishing that initial year with the 11 cows averaging 7,000 pounds of milk and 252 pound of fat.

With the purchase of his first registered Holstein from a Cumberland County farm sale, Beshore ventured into his purebred business.

"We paid $174 for that cow," chuckles Athena, recalling that the bids were taken in 5-cent increments.

To further improve the quality of the milk cows, the Beshores purchased a few registered Holsteins out of the Warner's Dairy herd. A majority of their present herd individuals trace back to those acquisitions.

The Beshore philosophy of farming has always been stewardship - to strive to pass on to the next generation an improved piece of land, or pedigreed animal, over what was initially acquired.

"I believe in getting bigger and getting better; we aren't interested in numbers but in production per unit. We want to

(Turn to Page A37)

Surrounded by tributes to family's accomplishments, Wayne and Athena Beshore look back on their life in dairy industry. In foreground is Charles E. Cowan award recently presented to Wayne by the Pa. Dairymen's Association.

Wayne Beshore's lifelong philosophy of quality instead of quantity has resulted in outstanding herd individuals, such as this four-year-old Glendell daughter milking 120 pounds per day.

Crawford DHIA honors top producers

BY NANCY KUNICK
Staff Correspondent

MEADVILLE — For the fifth consecutive year, Queens Manor Holsteins, of Ed Doebereiner and Sons, R1 Jamestown, topped butterfat production in Crawford County in honors distributed at the annual DHIA meeting and banquet on Jan. 20 at the Meadville Holiday Inn.

The Queens Manor string of 17 quality Holsteins produced an average of 20,398 pounds of milk, 790 pounds of fat and 663 pounds of protein per animal during the past year.

Five other dairymen were presented awards for records topping 700 lbs. of fat. The Crawford County Farm #1 Saegertown, Kenneth Custard, herdsman, had the high herd in milk and protein. The 29 Holsteins gave 21,292 pounds of milk, 773 pounds of fat and 721 pounds of protein. Also honored were John Tautin, Sr.; Arden & Ivan Drake; Black Pond Farms, Charles & William Black, Jeff Raney, herdsman; and Richard L. Black & family.

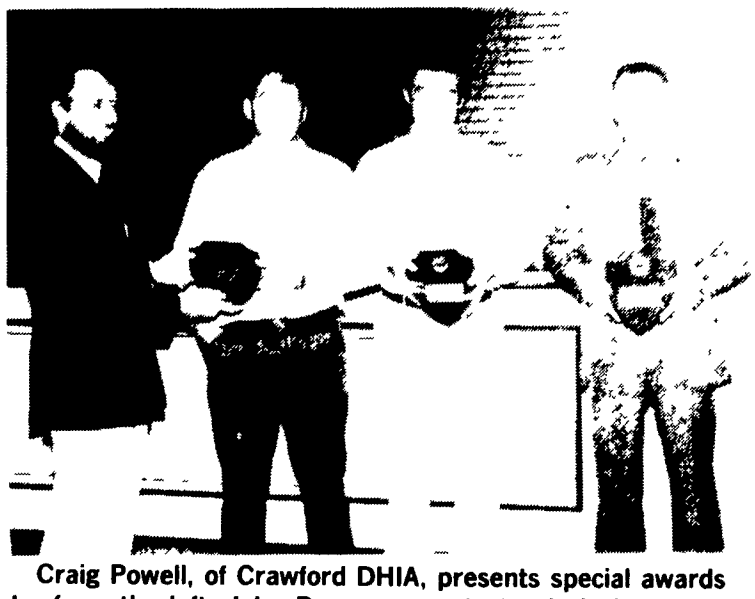
In addition to the six farms over 700 lbs. of butterfat, 16 herds topped the 650 lb. mark and 25 others finished the testing year with over 600 pounds of butterfat. The 46 herds received recognition ribbons for their outstanding production.

The plaque for the highest cow in milk and fat production went to Wagnercrest Farm, Bernie and David Wagner, R6 Meadville, for their registered Holstein, Bell who produced 33,524 pounds of milk, and 1,328 pounds of butterfat in 305 days.

Two awards were sponsored by Wayne Feed and Platt's Mill of Spartansburg. They were awarded to Roman Miller & Sons, of Cochranton, for the greatest gain in milk, with 59 cows averaging 17,994 lbs. of milk 671 lbs. of but-

(Turn to Page A34)

Awards to herds averaging over 700 lbs. of butterfat are presented by Craig Powell, Crawford DHIA director, to, from the left, John Tautin Sr.; Richard L. Black; Jeff Raney, herdsman for Black Pond Farms; Kenneth Custard, herdsman for Crawford County Farm; and Ed Doebereiner, Queens Manor.



Craig Powell, of Crawford DHIA, presents special awards to, from the left, John Brenner, greatest gain in butterfat; Tom Wilson, lowest somatic cell count; and Ed Doebereiner, top cow in protein production.

Carl Snyder tops Schuylkill DHIA roster

BY ROBIN PHILLIPS
Staff Correspondent

DETURKSVILLE — Carl A. Farms, R1, Pitman, stood at the top of the Schuylkill County DHIA roster at the recent awards banquet.

Owned by Carl. Snyder, the 64 registered Holsteins pumped out a 1983 herd average of 21,009 pounds of milk and 821 pounds of butterfat, besting the 38 herds in the association. This herd average for milk and butterfat, along with the four other herds who exceeded 700 pounds of fat, helped put Schuylkill County first in the state in butterfat, second in protein, and fifth in milk production.

"We have some good dairymen in the county," Wayne Kurtz, secretary-treasurer of the association admitted. They're all doing a good job."

This was the first time Carl Snyder reached the top of the association. His black and whites also took the top honors in the individual cow production awards. "Dori" with 33,529 pounds milk and 1,602 pounds fat earned her owner the highest award in both milk and fat production. Carl A. Farms bovines also placed third and fourth in milk production and fourth in fat production in the individual cow awards.

This marked the first year that the 1,811 cows enrolled on DHIA in the county topped the 16,000 pound county average for milk. The 1983 county average is 16,242 pounds milk with 610 pounds fat.

The top five herds received ribbons for 700 pounds plus of butterfat. In addition to Carl A. Farms, they included Paul and Ken Wagner, R1, Tamaqua with 58 Holsteins averaging 20,587 milk and 752 fat; Brian Ruch, R1, Andreas, with 27 Holsteins averaging 18,381 milk and 715 fat; Miller and Rex, Inc., R1, Andreas, with 34 Holsteins averaging 18,376 milk and 711 fat; and Heisler Brothers, R1, Tamaqua, with 68 Holsteins averaging 18,759 milk and 703 fat.

There were also six herds recognized for over 600 pounds of protein. They included Carl A. Farms with 685 pounds; Bruce Leatherman, R1,Tamaqua, with 660 pounds; Paul and Ken Wagner, with 657 pounds; Heisler Brothers with 614 pounds; Melvin Stoltfus, R1, Hegins, with 613 pounds; and Snyder Brothers, R1, Pitman, with 601 pounds.

The annual meeting and awards banquet was held at the Red Lion Inn, Deturksville, on Wednesday, Jan 18. Officials were pleased with the turnout in spite of the bad weather. New directors were elected with Franklin Troxell, R1, Andreas, being re-elected, and John Leatherman, R1, Tamaqua, and James Hepler, Pitman, elected to new terms.

After the elections and awards, Larry Specht, Penn State, explained the genetic base changes.

Wheat loan rate set

WASHINGTON, D.C. — The U.S. Department of Agriculture has issued county loan and purchase rates for 1984-crop wheat based on the national average rate of $3.30 per bushel for No. 1 grade wheat announced last August.

Some adjustment of state and county rates reflect factors such as prices received by farmers, transportation costs and production and consumption trends, according to C. Hoke Leggett, associate administrator of USDA's Agricultural Stablilization and Conservation Service.

Copies of the rate schedules for counties are available from the cotton, grain and rice support division, USDA-ASCS, P.O. Box 2415, Washington, D.C. 20013.

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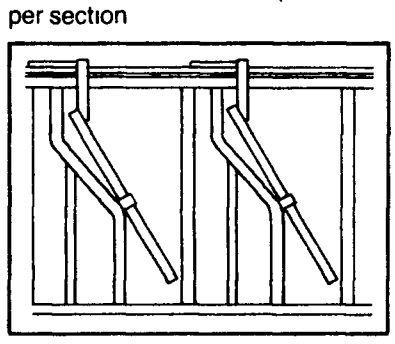

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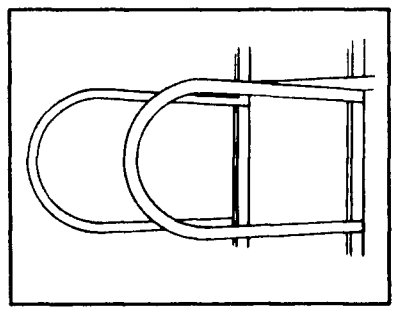

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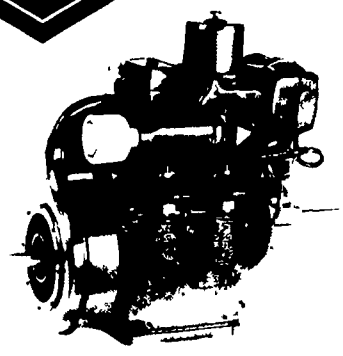

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Pennwood Farms is Percheron proud

BY LAURA ENGLAND

CENTRE HALL — Situated in the south-central part of the state, Centre County is well-known for its role as home to Penn State University, complete with its serene, country-like atmosphere. However, housing the agriculturally-based university is only one of several roles that leads to Centre County farm pride.

Of the 67 Pennsylvania counties, Centre County has one of the highest concentrations of draft horses in the state and is number one in the Percheron breed. This is a fact which brings a beam of pride across the faces of Percheron breeders John and Susan Cole of Centre Hall.

Owners and operators of the Centre Hall Farm Store Inc., located on Allison Street in Centre Hall, John and Susan consider themselves promoters of the Percheron breed, and "I'm proud of that," John said.

The Coles began raising Percherons in 1970 as a sideline hobby to their farm store business and 400-acre farm. They also raise 150 feeder cattle and about 40 Angus-Chianina cross breeding cattle.

Their first purchase of the draft horse breed - they had always owned light and walking horses - included two young fillies. Their herd now numbers 15 with Susan paying close attention to breeding and genetics and John placing his interest in hitching competitions.

As Susan explained, John grew up around horses while she, herself, had a farming background. "John's dad worked with horses," she said, "and they always had buggy or riding horses."

Both John and Susan are Centre County natives. Susan grew up in State College and John in Boalsburg. With each having a farming background and growing up in an agricultural county, raising horses came naturally.

In raising the breed, Susan keeps up-to-date on the breeding. This she does through reading and research and just by visually appraising other Percheron horses to determine important breed traits.

To get the breed characteristics and refinement they wanted in their horses, John and Susan traveled to Alberta, Canada, three years ago and bought one of the country's premier breeding stallions, Lo Lynd Joe Laet. They later bought Glynlea's Pride, also from Alberta, to breed with Laet's offspring.

"We bought Pride to bring outcrossing into the herd," John said. "We wanted size and refinement."

The size and refinement the Coles were looking for has been recognized at the breed shows they attend. Pride was named champion stallion at this year's Farm Show and was reserve junior champion at the 1981 Ohio State Fair. Both Laet's and Pride's female offspring have done well at shows, also.

Another area of show competition the Cole's have challenged is hitching where horses compete as a team or in groups to pull a wagon. This is where John's real interest in the Percheron breed lies.

John has been in competitive hitching for three years, participating in the Farm Show and Ohio State Fair contests. At the Farm Show, he has won every class but one during the past two years.

"Hitching is a real art," John said. "You have to get all the horses working right together, and the timing is unbelievable."

A right-hand partner in John's hitching ventures is Lewis Mothersbaugh of Linden Hall, Centre County. "Lewis does as much of the driving as I do," John said.

To prepare the horses for hitching competitions, John put up lights around his practice track to allow for night driving. The horses are worked about 25 times prior to shows.

"To make a good team," John said, "the horses have to click like one, look like one and think like one."

John, who competes in two-horse, three-horse, four-horse and six-horse team categories, realizes the practice needed to make a good team and begins to work his horses at about one and a half to two years of age

"When we leave Pennsylvania, the competition is tough," Susan said. "They're all very high class hitching contests."

In addition to the breeding and hitching interests, the Coles also tie their Percherons into their feed store promotions. During Christmas, children are granted hitching rides on a wagon with Santa Clause. The horses have also served as transportation for newly wed couples.

The interest in the horses has definitely helped promote the business, John said. The business, which employs 10 workers, covers Centre County and deals primarily in dairy, custom spraying and fertilizing, seed and farm supplies and feeding rations.

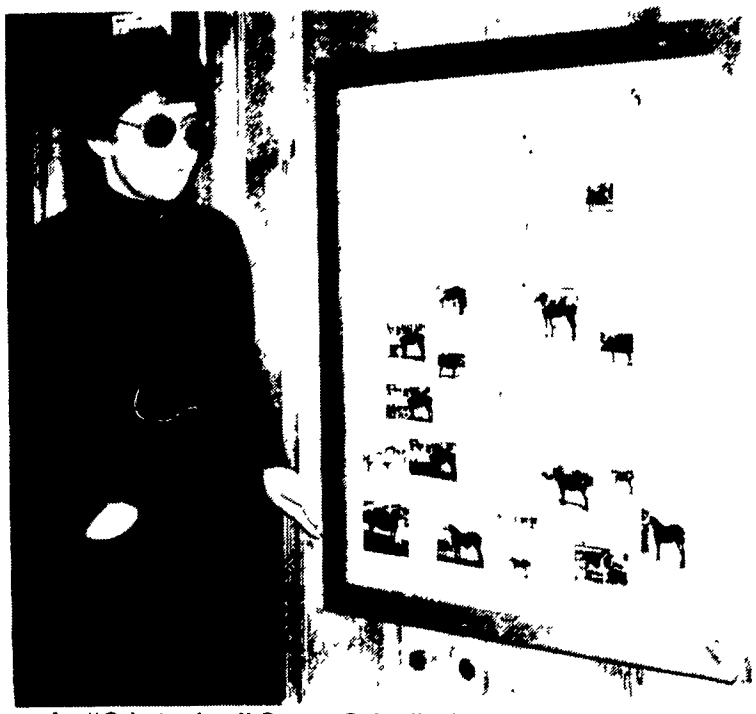
The Cole's 28-year-old son, Chris, is in partnership with his father and likewise, shares an interest in raising horses, too. Chris owns a couple of walking horses.

The Cole's other sons, Billy and Chad, and daughters Kelly and Yung Mi, also grew up with an interest in horses. And now, the Cole's grandchildren have taken the horses to heart

"It's (raising Percherons) a family and country-oriented hobby," Susan said. "We try to include our family. It's the right way to go."

And the pride in raising the horses stands out. As John added, his goal for both his farm store business and the Percherons is "we want to continue to do what we're doing, but better."

Getting a little exercise in a snow-covered pasture are these two, spirited geldings which are used in hitching competitions.



An "Ode to Joe," Susan Cole displays a homemade poster relating the success the Coles have had with their Percheron draft horses.

John Cole, Center Hall, poses with 13-year-old Lo Lynd Joe Laet, a one time premier breeding stallion in Canada.

These two young mares are part of the 15-head of Percheron draft horses raised at Pennwood Farms in Centre Hall, Centre County.

A 2,250-pound Percheron gelding, Prince is an important part of John and Susan Cole's speciality hitching team.

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Lancaster Farm & Home Foundation elects directors

BY SALLY BAIR
Staff Correspondent

LANCASTER — Seven countians were elected to three-year terms as directors of the Farm and Home Foundation of Lancaster County at its annual meeting Thursday at the Farm and Home Center.

Re-elected were: Mrs. Orpah Graybill, 391 Newport Road, Lititz, secretary-treasurer for Graybill Machine Company and a homemaker; Robert E. Gregory, 721 E. 28th Division Highway, Lititz, manager of the Lancaster Soil Conservation District; Mrs. Evelyn Hess, 817 Waterfront Drive, a homemaker and currently vice-president of the Board of Directors; and George M. Lewis, 606 Stoney Battery Road, Landisville, representative of Farmers First Bank and currently treasurer of the Board.

Newly elected were: Darvin E. Boyd, 39 Knollwood Drive, Akron, vice president and director of the agricultural finance department of Hamilton Bank; Robert C. Groff, Camargo Road, Quarryville, dairy and poultry farmer; and Kenneth M. Rutt, Edgefield Road, Quarryville, dairyman and newly selected Master Farmer.

Speaker for the evening was John Graham, chaplain for the Lancaster County Prison. Born in England, Graham is now a naturalized citizen of the United States and was ordained in the Presbyterian Church.

Graham said that idleness is the number one problem facing those incarcerated. "With idleness comes a discontented prison population. How can we enforce discipline when there is nothing to do?"

He said that prisoners become angry and frustrated because of the "wastefulness of time,'; and this anger often is a factor in their becoming repeat offenders.

Farm and Home Foundation president Larry Skromme, left, thanks John Graham, chaplain at Lancaster County Prison, speaker at Foundation's annual meeting.

Graham noted that of the 1500 persons incarcerated in the past year, 660 were repeat offenders. He pointed out that 30 percent of the prison population cannot read or write. He also noted that just three percent of the population are there for crimes of violence with the remainder there for burglaries, thefts, non-payment of support probation violations and other non-violent crimes.

Graham told the audience that the United States has the third highest rate of incarceration in the world, behind the USSR and South Africa. He used a quote which he acknowledged was not his own, saying "There is nothing corrective about the corrective system." The primary purpose of prisons in this country, he said is to keep individuals from committing further crimes and to satisfy the public's need to punish.

He feels more emphasis needs to be placed on restitution to victims and positive reconcilation of those who are breaking the law. Pointing to examples of sentences in other states which involve putting offenders in public service, Graham said alternative sentences would mean thousands of dollars of services to the public while saving millions of dollars for the cost of incarceration.

Graham said of the 1500 people who had been incarcerated in Lancaster County prisons, "In essence they're our neighbors." He said there needs to be a massive involvement of volunteers to change the emphasis. "To simply incarcerate is not the answer." With involvement he noted, "These human lives could be encouraged and renewed and given dignity as a child of God."

He cited positive work that is being done at the prison with volunteers groups, but feels there is much more need for volunteer involvement. "These lives are our neighbors."

In other business President Larry Skromme thanked retiring directors Robert Bucher, John Henkel and Melvin Stoltzfus for their years of service to the Board. The group also observed a moment of silence in remembrance of the late Raymond Stoner, a former member of the Board.

Musical entertainment was provided by Dawn & Rich Winey Chairman of the annual meeting committee was Jay E. Landis.

Wayne to hold meeting series

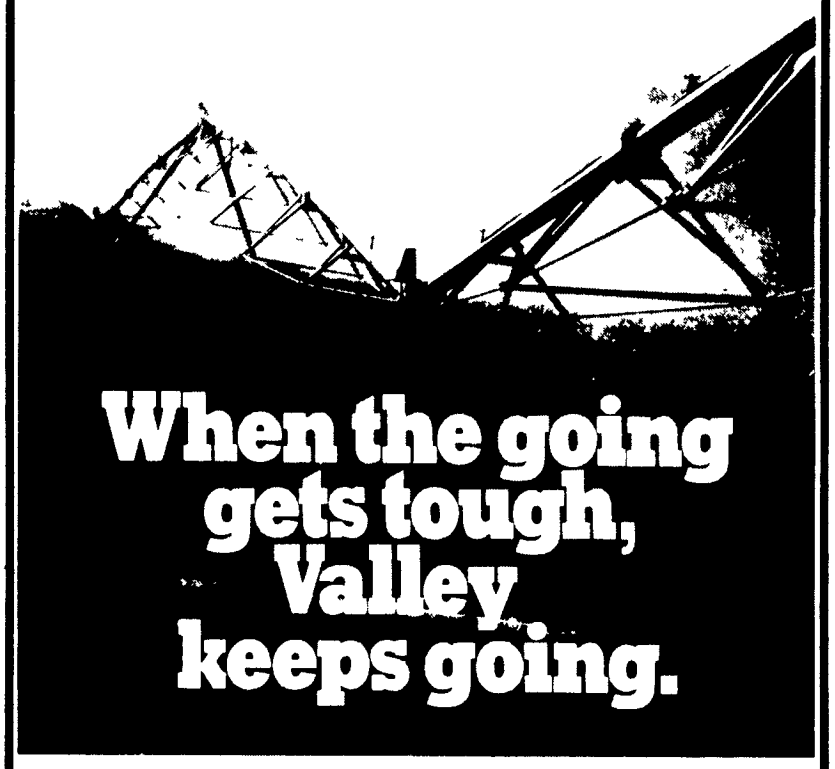
HONESDALE — Attorney Lee Krause will be the first speaker at a series of three sessions for local government officials on Wednesday, Feb. 1 at 8 p.m. conducted by the Wayne County Cooperative Extension Service in cooperation with the Pennsylvania Department of Community Affairs and the Wayne County Association of Township Officials.

Attorney Krause will describe how the municipal codes provide power to run local government as well as providing limits to power. Also to be discussed will be the Sunshine Law, role of the public at public meetings, keeping of public records, and adoption of ordinances.

These sessions, according to John Creighton, County Extension Director, are planned to be especially useful to newly elected officials. Experienced officials should also find the sessions a valuable refresher course. Additional sessions will be held Wednesday, Feb. 8 and 15, all at the Cooperative Extension Offices in the Courthouse.

At the second session, William Douglass, Wayne County Planning Director, and Joseph Macialek, Penn State Extension Community Development Agent, will discuss adoption of ordinances, and administration of some of the commonly adopted ordinances. Of special interest will be a discussion of the use of a road encroachment ordinance to help avoid improperly designed intersections of public road and new private driveways.

At the third session Walter Beck, Wayne County Chief Assessor, will discuss taxation. Beck will cover such topics as taxation powers, tax limits, role of the assessor, assessment ratio, taxation calendar, and the relationship of assessed value to municipal budget.



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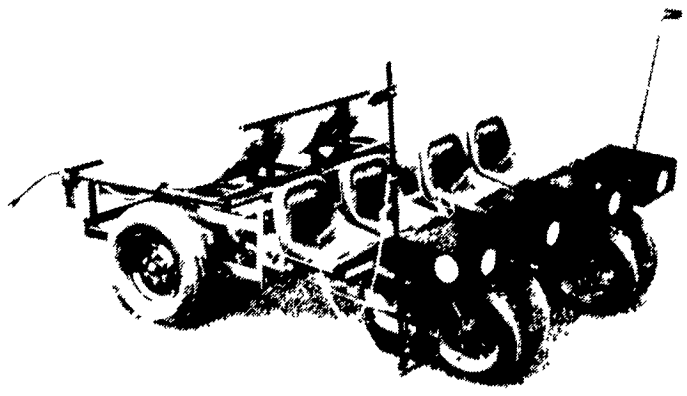

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Bradford slates beef session

TOWANDA — Bradford County will hold an informational meeting for beef cattle producers on Tuesday at 7:30 p.m. in the Bradford County Extension Office located at 701 South Fourth St., Towanda.

The program will be presented by Clair Engle, Extension Beef Cattle Specialist, and Dr. Tom Drake, Veterinary Science Extension.

Engle will speak on the topic "Improving Reproductive Efficiency in Beef Cow-Calf Herds". On an average, Pennsylvania beef cow herds wean only 83 percent calf crops. Failure of the cow to breed is a main cause, but other contributing factors are dead or still born calves or death of calf within two weeks of birth. These factors take the profit from 4-5 cows who do wean calves to make up the loss from the one that doesn't. Cows do not always wean calves every 12 months but every 13-14 months. This is the same as an 85-92 percent calf crop

Dr. Drake, research assistant in the Veterinary Science department, will speak on the topic of "Livestock Health and Nutrition". The incidence and economic importance of diseases related to soil-plant-animal environment complex has increased with intensive, well-managed crop and animal production. Critical health problems have even developed on very progressive farms. Losses due to infertility, metabolic diseases, and other beef cattle diseases due to nutritional imbalances and deficiencies are costing the livestock industry several million dollars annually.

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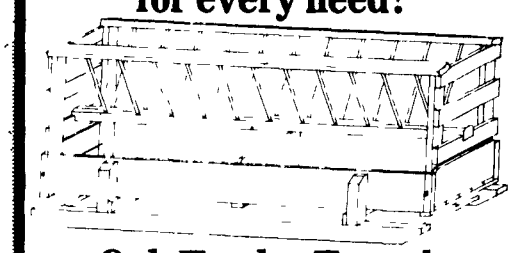

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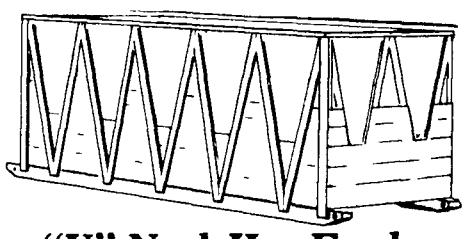

"V"-Neck Hay Feeder
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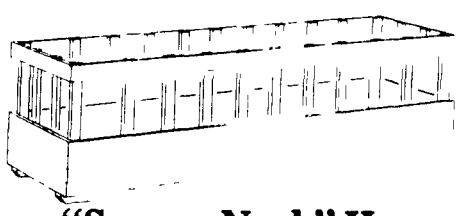
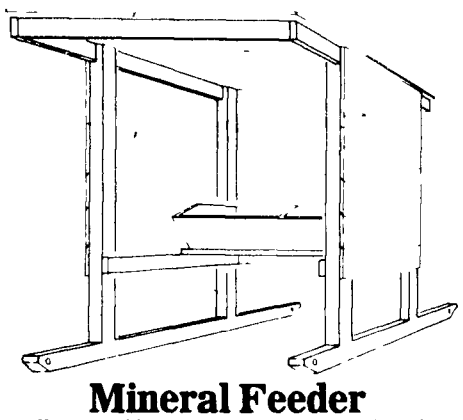


"Square-Neck" Hay Feeder
10' to 20' lengths. Treated yellow pine. On skids.



Mineral Feeder
All treated lumber. Has galvanized roof.

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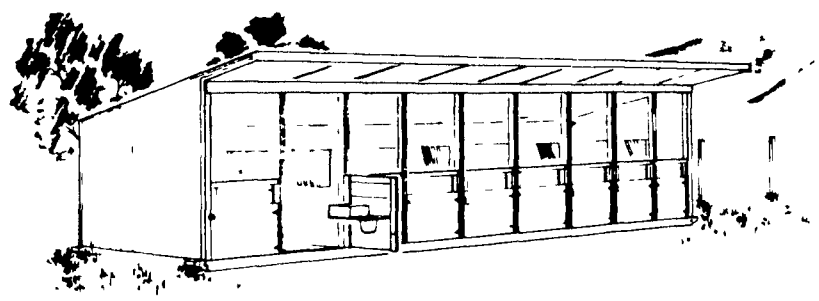

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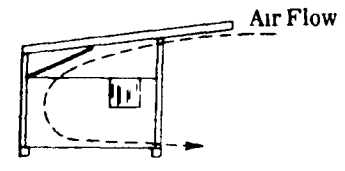
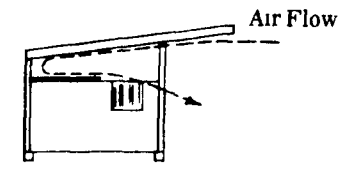


Raised (Warm Weather) Position



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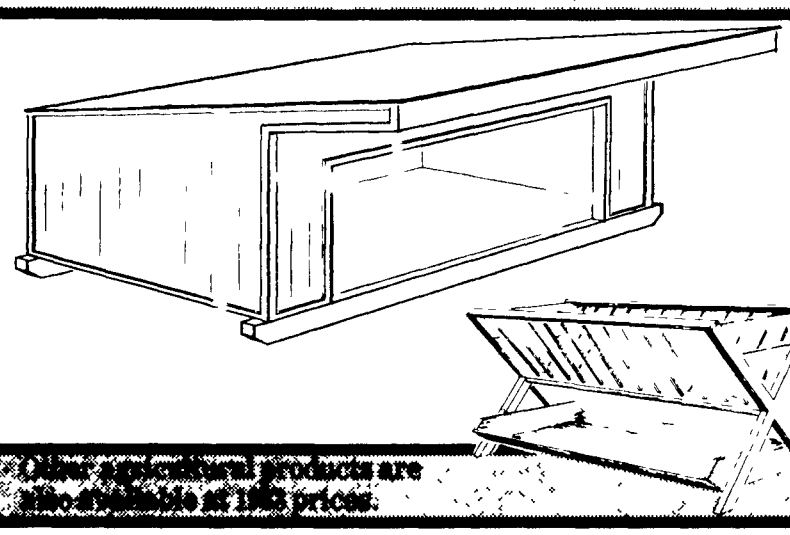

Sheep Shelters
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Shelter is constructed of exterior rough sawn siding on treated skids, with paint and galv. steel roofing included.

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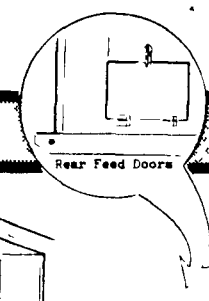
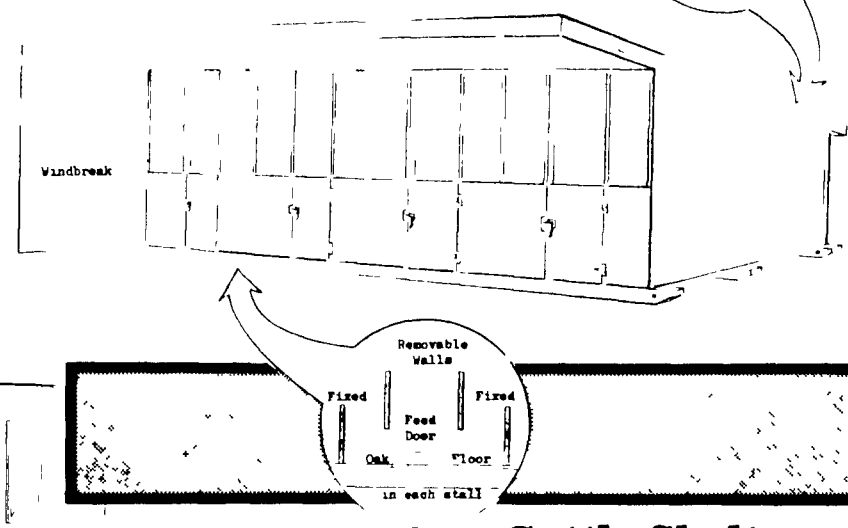
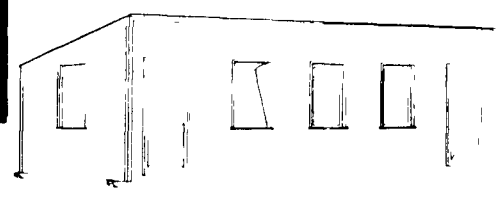


Farrowing House

Features 4 large stalls with removable partitions. Treated skids, 1 3/8" oak floor, rear-opening feed doors





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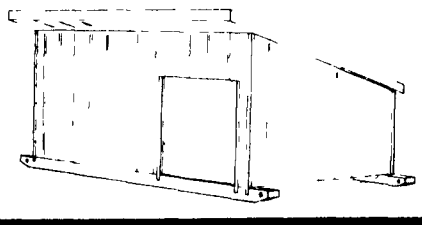

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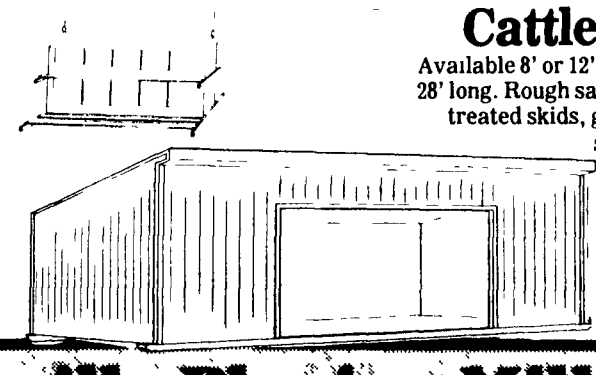

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Too many rules in milk diversion program

BY ROBIN PHILLIPS
Staff Correspondent

LEESPORT — There was much whispering and many opinions voiced as dairymen gathered at the Berks County Ag Center on Wednesday, January 18, for the Berks-Montgomery County Meeting. In spite of the threatening snowstorm, more than 75 farmers attended to get the latest update on the milk diversion program, federal crop insurance, and the 1984 wheat and feed grains programs.

Dairymen waited with ominous anticipation for the explanations on the new milk diversion program. Having been handed the ten pages of rules and definitions of the program when they entered the auditorium, they were ready with many questions and comments.

Richard A. Pennay, program specialist with the state ASCS office, explained the entire program. Harry Schaffer, Cooperative Extension Service, addressed the economics of reducing milk production. Also on hand to field questions on the diversion program were Warren Lamm, executive director of the House Agricultural Committee; Alpheus Ruth, President of Lehigh Valley Cooperative Farmers; and Henry Bohn, Berks County ASCS Office.

"For you dairymen, this is a brand new deal. Nobody ever told you to go out and sell half your herd before," Pennay stated. Citing the diversion program as a major compromise to make price supports effective in providing reasonable dairy income while providing adequate milk supplies, Pennay spoke in favor of large participation. Pennay compared this program to the PIK program which cut down the corn surplus in one year. "The approach is to cut down cows," he explained. "By not reducing, alot of you will be putting milk to that milk company for two bucks a hundredweight. Can you produce it for that?" Pennay asked the dairymen.

Alpheus Ruth, president of Lehigh Valley Cooperative Farmers, told Berks-Montgomery meeting that he does not believe that 15-cent national deduction for advertising will help very much. He believes that increased advertising is needed on the co-op level.

"We need strong participation in this program. It's designed as a self help program for dairymen," Pennay continued. "It will cut dairy surplus and preserve the integrity of the price support program."

The milk diversion program has a deadline for signing up of Jan. 31. "We're on a very tight time schedule," Pennay admitted, as he urged dairymen to consider the advantages of this program.

What attending dairymen did not appreciate about the program were the ten pages of rules and guidelines for compliance in order to receive the diversion payments.

"What happens to our order 4 base?"

"Can we sell breeding stock?"

"What if I'm renting the farm to someone else?"

"How much are those cows going to cost to replace?"

"What if the government changes the program after I've sold one-third of my herd?"

These were the questions asked by the dairymen as their major concerns with the program surfaced.

Under the guidelines of the program, reduction must be between 5 and 30 per cent. "It does represent a large reduction in dairy income," Pennay admitted. However, "it is a big bucks program," he stated referring to the large diversion payments possible.

Harry Schaffer advocated participating for the 30% reduction. "If it pays to reduce total production, then take the maximum," he advised. "The more diversion you sign up for, the more it will pay you." With a $10.00 per hundredweight payment for contracted reductions, diversion payments could represent thousands of dollars.

Schaffer outlined different stategies for reducing milk production. Many farmers agreed that the program looked very good on paper in the hypothetical situations that Schaffer presented. "The best strategy in the short run, is to cull cows rather than lower production," Schaffer advised. He did caution farmers to monitor their cash flow closely since diversion payments will be paid quarterly. "Work it out for your situation," he urged.

"It looks good on paper," Alpheus Ruth, president of Lehigh Valley Cooperative Farmers, stated. Ruth cautioned dairymen to view the program as a 27-month program, not as a 15-month program.

"If you reduce your production, your order 4 base is going to be reduced," he verified. This base will be used in pricing a producer's milk for the following year. A dairyman will feel the effects of any reduction for a year after the program concludes with this pricing system. Ruth urged farmers to consider this when looking at the program. He also reminded them to consider what replacement animals are going to cost at the end of the program "when your banker says you need more cows."

"I'm a strong cooperative man," Ruth went on to say, "but cooperatives have done a very poor job of marketing milk." Ruth spoke in favor of utilizing independent experts to advertise milk. He said they do a better, more efficient job. "We are never going to be relieved of the job of marketing milk," Ruth stated. "I don't believe that the 15 cents is going to do too much."

Donald Duncan, president of the Berks County Dairy Farmers Association, was also in favor of better advertising campaigns. "We farmers must stand up and tell the American people that we're giving them a cheap, but excellent product," Duncan stated. Some dairymen took Duncan's viewpoint on this "ridiculously, complex program" and agreed that a much simpler but yet effective program could have been used.

Although the program leaves the methods of reduction up to the dairyman, there are many guidelines that must be followed or paybacks and penalties will be imposed. Of major concern are the permitted ways to cull cows. To reduce cow numbers, cows may be sold to slaughterhouses, to another producer under contract, or overseas. There are no exceptions or waivers to this rule. This prohibits any consignment selling, any selling of breeding stock, and any selling of heifers over 9 months of age as of November 8, 1983, to a producer not under contract for the diversion program. "When you sell an animal, you better know where she's going," Pennay warned.

Another area of concern to many older dairymen was if the principal operator under contract died, the contract would still be in effect. It would be up to the estate to either continue within the diversion's guidelines, disperse to a slaughterhouse, or sell to a producer under contract.

"We only have two formal contracts signed," a Berks County ASCS official confirmed It was revealed that there are some contract problems in multiple operations or when a father transfers a diary to his son.

To be eligible for the program, you must be a producer on November 29, 1983. This includes individuals, partnerships, corporations, and anybody with a financial interest in a dairy production unit. Much of the confusion comes in understanding what consititutes a "dairy unit." "We have all different combinations here," Pennay stated. A unit consists of a producer, a facility, and a farm. Complications arise when there is a landlord with his own operation and also renting a farm to a tenant. If one part of a unit contracts, the rest of the unit must also comply if they share the same interests.

Dairymen also did not like the option in the contract for the government to change the program. If the reduction should be shown to be excessive, the Secretary of Agriculture has the authority to slow down the rate of culling. This option was established to prevent shortages of milk and substantial hardships to producers of beef cattle, hogs, ro poultry because of too much culling of dairy animals.

However, if the surplus continues, on July 1, 1984, if the CCC purchases over 5 billion pounds, the support price will drop to $11.60. If the surplus is reduced below 5 billion pounds, by July 1, 1985, the support price could be raised 50 cents.

"Once they understand it, I believe more people would enroll," Henry Bohn, Berks County ASCS, stated. "It's looking better than what I had thought," he replied. The meeting seemed to answer most of the questions and Bohn revealed that his office has 22 producers establishing their bases for the program.

Throughout the day Pennay urged farmers to consider this program. "We have never sacrificed efficiency in order to stabilize the market, that's what has made us the idols of the world's producers," he told the dairymen. He concluded the program with, "I sure hope you take a good look at it. It's your industry."

Jan Smith, district director for the Federal Crop Insurance Corporation was also available to provide the latest information on crop insurance. He urged farmers to consider individual yield coverage. "This gives a farmer the chance to increase their guarantees without increasing their premiums," Smith stated. To qualify, farmers need at least three years of verifiable production and acreage, e.i. weight slips, bin measurements, or summary sheets. Crops covered are wheat, barley, corn, grain sorghum, oats, and soybeans.

New benefits to the program are the late planting agreement option and the replanting option. Only an entire crop can be insured.

Farmers collected over $90,000.00 in federal crop insurance in Berks County last year according to Smith. Informing yourself as to the coverages available, the current rates, and then filing your acreage report on time can ease the effects of unpredictable weather, Smith stressed.

Richard Pennay also discussed the new PIK program for wheat. "The nice thing about PIK is, if you own the commodity, you can take advantage of the market price. It's up to you," he stated. He also explained the current conservations programs available and urged farmers to look into these various programs to help them in their particular operations.

Cumberland Co-op meets today

SHIPPENSBURG — The 54th annual meeting of the Cumberland Valley Cooperative will be held today at the Shippensburg Area Senior High School.

The meeting will open with a luncheon to which farm families who are patrons of the Cooperative are invited.

The formal meeting starts at 1 p.m. Officers will report on the progress of the Cooperative. James A. Bear, Sales Manager will show slides telling of "CVC-The local Service Cooperative in Cumberland and Franklin counties as well as Adams, Perry, Fulton and Huntingdon Counties."

Officers of the Cooperative include Garnet B. Dice, Chambersburg, president; Wayne F. Craig, Shippensburg, vice-president; Donald E. Hawk, Shippensburg, secretary-treasurer; Harry A. Mohn, Newburg, Member of the Executive Committee; and Merrill R. Bivens, St. Thomas who is chairman of the board.

The Board of Directors have named Henry A. Zajac as General Manager of the Cooperative. He succeeds Wayne D. Baker who will remain with the organization in another capacity.

Henry Zajac

Zajac comes to Cumberland Valley Cooperative with 35 years experience in all phases of farmer cooperative work.

Brooks End sale averages $305

BEAVERTOWN — Brooks End and Par Kay Farms, Beavertown, held their annual winter sale last week. The auctioneer was Mike Jones, LaGrange, Ga. The sale totaled $75,685 for an average of $305.00 for the 248 head.

The top-selling animal was Lot 31 RTB3 Kami 24-2, a Yorkshire Bred Gilt selling for $1,100 to Kelly Crompton Evanston, Wy. The top-selling Yorkshire Board was Lot 105 purchased by Delmarva Farms Selfville, Del. for $600. The top-selling Landrace Bred Gilt was Lot 88 purchased by Sam Lane Dover, N.C. for $440. The top-selliong Landrace Board was Lot 167 purchased by Isaac Ray Sensenig Ephrata, for $460.

A total of 45 head of Yorkshire Bred Gilts averaged $379; 51 head of Yorkshire Boars, $419; 96 head of Yorkshires, $400; 40 head of Landrace Bred Gilts, $321; 9 head of Landrace, $326; and 103 head of Landrace, $326; and 103 head of Commercial Open Gilts $207.

This sale offering sold into eight different states. Much of this sale offering featured imported bloodlines

Discussing current farm programs at Berks-Montgomery meeting are, from the left, Jim Smith, district director for federal crop insurance; Richard Pennay, of State ASCS Office; Harry Schaeffer, of Extension Service; and Henry Bohn.

Cattle Feeder's Day

(Continued from Page A1)

due to the weather and less featuring will be the cause for this, Henning said.

Prices during the third quarter should remain in the mid 60's with a strong pork and poultry industry sharing the market. The fourth quarter is "anyone's guess," Henning said and will depend on the year's corn crop.

In making his prediction for 1984, Henning shared with the more than 150 cattleman attending the seminar the supply and demand factors which influence the cattle and grain markets. Demand factors he cited were disposable personal income, disposable income spent on red meat, the general economy, the wholesale-retail price spread, retail advertising and featuring and transfer payments.

Disposable personal income is up by more than .9 percent, Henning said, while that part spent on red meat (lamb, beef and pork) is the lowest in years. This is a concern for cattleman, he said, but with increased promotion of beef through the National Cattleman's Association, this problem can be improved.

Penn State Extension beef specialist Les Burdette, left, moderates a panel discussion on ag bagging with, from left, Bob Kreider, Lancaster; Dervin Hart, Manheim; and John Zimmerman, Ephrata, participating.

Lebanon County cattleman Floyd Horst, left, attending the Lancaster Cattle Feeder's Day, shows his sons, from left, Glendon, 10; Winfred, 11; and Anthony, 5; a quality sample of haylage.

The general economy, with unemployment at 8.2 percent and interest rates steady to decreasing, tends to be positive, Henning said. This he attributes to 1984 being a "funny season," a term used by Penn State economist Lou Moore.

"It's election year and things tend to look rosy and fairly positive and good," Henning said.

The wholesale to retail price spread is much lower and movement is slower, Henning added. As the farm to retail margin narrows, retailers spend less on advertising, but this shouldn't hurt cattleman.

"Retail advertising and features were sharply curtailed in the last few months because of a big increase in retail beef prices," Henning said. "Even without that advertising, there should be strong prices throughout the year."

On the supply side of his prediction, Henning said the cow-calf inventory appears to be down about one to two percent. The cattle on feed numbers are also down about four percent.

Total red meat production stands at an increase in poultry, a decrease in pork, and an increase in dressed beef weights, Henning said. Currently, dressed weights on cattle are down, he said.

As far as grains are concerned, Henning said that 1984 prices for corn will be wild. "I'm not sure anyone can outguess grain prices for this year," he said.

A carryover of corn is estimated at 595 million bushels and soybean at 185 million bushels.

Other factors which will affect cattle prices include market psychology, price trends and cycles and government actions.

A recent government action that brought criticism from cattle producers was the passing of the dairy compromise bill. According to Henning, cattleman "won't see much of an effect of the dairy program on beef markets."

"The government is looking at two, five or 10 percent participation by dairy farmers," he said. "Realistically, we can't be looking at much more than five percent or 500,000 cows."

Also speaking at the Cattle Feeder's Day were Dr. Tom Drake, Penn State Extension veterinarian, who gave a veterinarian update; Les Burdette, Penn State Extension beef specialist, on alternative feedstuffs and an implanting update; and J. Paul Espy, cattle feeder and Pa. Beef Council president, whose topic was "Be An Efficient Cattle Feeder."

A panel group with Dervin Hart, of Manheim, John Zimmerman, of Ephrata, and Bob Kreider, of Lancaster, participating, discussed hay and silage bagging. Burdette moderated the discussion.

In addition to the speakers, area cattleman were able to look over displays provided by commercial exhibitors.

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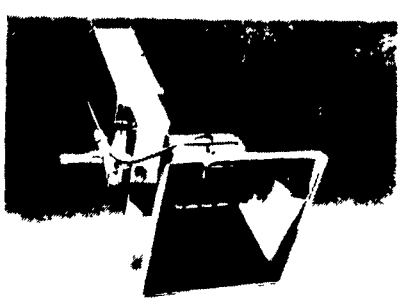

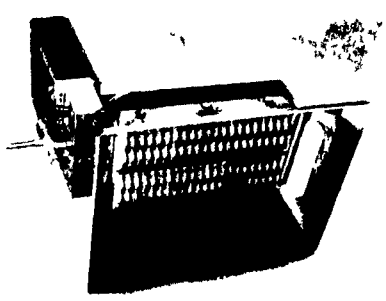

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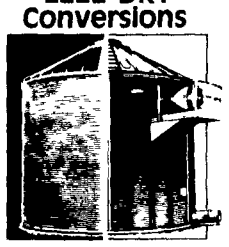

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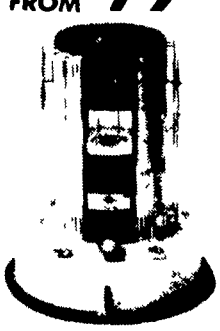

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Northern Lebanon County ag honors its own J.R.

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VOCATIONAL AGRICULTURE & FFA

BY DICK ANGLESTEIN

MT ZION — Northern Lebanon County agriculture has had its own "J.R." for more than a quarter century and its farming community turned out in force Thursday night to honor him as an educator, leader and motivator of youth.

While to TV viewers, J.R. represents a ruthless Texas millionaire, the man in Northern Lebanon – better know as J. Ray – is just the opposite. He's a man who has guided a couple of generations of farm youth from their days as energetic, aimless Greenhands in FFA to their present position as productive farmers and community leaders in the area described as "on the upper side of Rt. 422."

And in the long run, J. Ray is more wealthy beyond imagination in terms of the farming friendships he has achieved during his long tenure of service to the ag community.

The man, of course, is J. Ray Bickel, recently retired vo-ag teacher, FFA and Young Farmer advisor in the Northern Lebanon School District.

Former teachers, students, colleagues, community leaders and a whole bunch of friends turned out Thursday night at the Mt. Zion Social Hall to pay tribute to this man whose better known nickname is "Mr. FFA."

And what did these people have to say about J. Ray:

Harvey Smith, Area vo-ag consultant – "He has been the father of competition among FFA'ers in Lebanon County. But his contributions stretch far beyond the county. He has helped bring more Gold Emblems back to the Northern FFA Chapter than any chapter in the state."

J. Ray Bickel, of Northern Lebanon -- "Mr. FFA -- in front of Young Farmer banner.

Clarence Krammes,, former Northern Lebanon principal – "He's many things – motorcyclist, boat enthusiast, water skiier and grower of strawberries and blueberries. But most of all he has been an educator who motivated students to do their best."

Leory Gessaman, president of the Pennsylvania Young Farmers -- "J. Ray is a good coaxer and my standing up here tonight is testament to that."

Clarence Manbeck, former state senator and poultry industry leader: "He is among those men who is honored not only for what he has brought out in himself, but what he has brought out in others."

Dean Patches, representing FFA, Young Farmers and FFA Alumni: "I know from experience what a good pusher and motivator he is. He knew how to put the energy of youth to good use."

Carl Wenger, of Myerstown: "As a father of FFA'ers in ELCO for the past 20 years, I can attest to the competitive spirit he brought to FFA in Lebanon County."

And there were even some lighthearted moments of tribute. The only area man in ag who could realistically play the part, Guy Braxton, now an ag consultant, portrayed "Mr. T." of the A-Team and paid tribute to one particular area of FFA activities in which J. Ray has become legend – bringing home county and state parliamentary procedure championships.

And, finally, the man who everyone came to honor reminisced a bit from his career that had its start as a navigator in a World War II B-24, to being a veterans instructor and finally in vo-ag at Northern Lebanon.

He summed up his career philosophy in a few words:

"It's so good to see so many FFA'ers and Young Farmers here who have taken their place as leaders in the community.

"Helping to develop leadership and citizenship – that's what it has all been about."

Luzerne plans tax meetings

WILKES-BARRE — Income tax meetings have been scheduled at several locations in Luzerne County to explain tax laws as they pertain to filing farm schedules.

According to County Agent E. V. Chadwick, changes have been made in methods of computing depreciation and investment credit. Farmers may wish to understand the expensing of capital purchases in filing the 1983 return.

The meetings conducted by the Luzerne County Extension Association will be held at the following times and locations:

Feb. 3 — Briggsville Mt. Zion Church from 1 to 3:30 p.m.

Feb. 8 — Water Street Annex Extension Office at 1 p.m. and 7:30 p.m.

Feb. 9 — Northwest High School, 7:30 p.m.

Feb. 15 — Ag Service Center, Nanticoke, 1 p.m.

Individual assistance will be provided by calling the Extension office for appointments. Phone 825-1701 or 459-0736 (Hazleton area).

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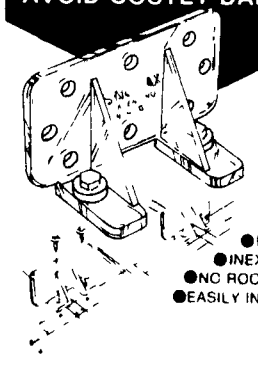

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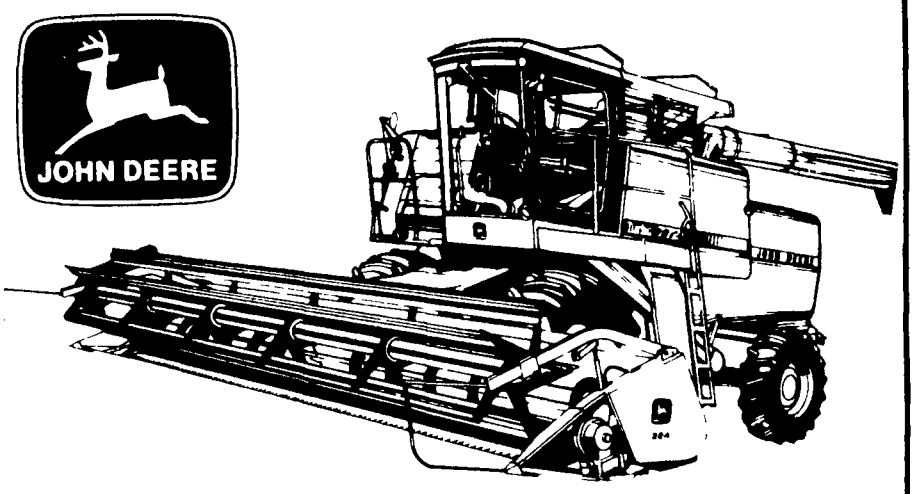

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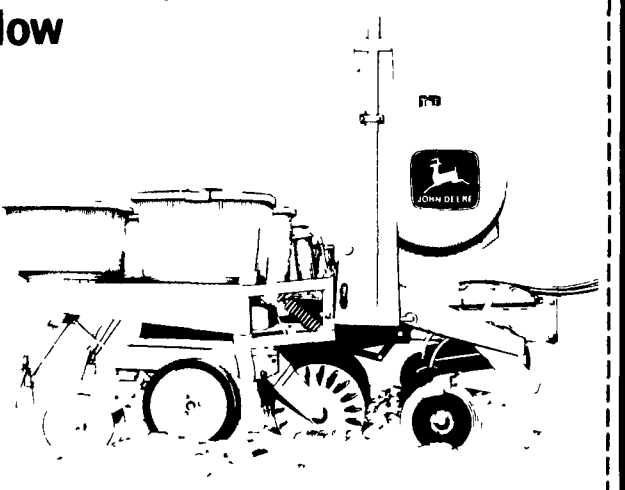

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Mt. Joy Co-op honors top producers

BY TRISH WILLIAMS

MT. JOY - Members and guests of the Mt. Joy Farmers Co-operative Association gathered at Hostetter's Dining Service for their annual meeting and election of directors.

Elected to serve a three-year term on the board of directors were: J. Ivan Hansen, J. Kenneth Miller and Joe C. Wivell. Hansen farms 250 acres and has a herd of 35 cows plus 60 heifers and steers. Miller is active in the Holstein Association, and milks a herd of 70 cows. Wivell farms 300 acres, milk 105 cows and was named Outstanding Young Farmer for Pennsylvania in 1981.

Paul Hostetter, general manager of Mt. Joy, recognized the "Big 13." There were 13 producers who shipped over 1 million pounds of milk in 1983. Topping the list was Kenneth Zurin with 3,455,687 pounds of milk. Irvin Engle was second high producer with 2,497,222 pounds of milk. Risser Brothers shipped 2,491,455 pounds of milk and ranked third.

Hostetter also introduced eight producers who joined Mt. Joy this year and reported there are four more dairymen considering membership.

Six members were named Honor Roll award recipients. To be on the Honor Roll all the milk shipped by the producer during the year must meet stringent standards of quality and sanitation. Recipients were, Richard Alwine, Jay Nissley, Albert Fry, Lamar Witmer, Clair Miller and the Risser Brothers.

"Fiscal year 1983 was a quiet year for the co-operative," reported Ray Bucks, Mt Joy auditor

The most significant figure in the auditor's report was a drop in the operating profit from $40,216 in 1982 to $10,714 in 1983. Bucks said the drop in the operating profit was the result of a decision to return the earnings to producer-members rather than retain the capitol. It was intended to mitigate the loss of income resulting from the $1 assessment dairymen were forced to pay for every hundredweight of milk they shipped. Bucks said the co-op is paying over $60,000 a month to the USDA for the assessment.

Mt. Joy has a contract with Atlantic Processing Incorporated that guarantees API will purchase 100 percent of the co-op's milk. Mt. Joy also has equity in API. API had a very good financial year last year, which subsequently profited Mt. Joy.

Bucks said a 12 percent increase in pounds of milk shipped help to cover increases in expenses due to inflation.

Roy Alger, president of Mt Joy, represents the co-op on the API board. Alger reported API had sales of 1285 million in 1983, but said profits this year are not expected to be as high as they were last year because of the purchase of a bottling plant in Baltimore. The plant was bought from a

(Turn to Page A33)

Six Mt. Joy producers were awarded plaques for honor roll production. Recipients of the award are, from the left, Clair Miller, Don Risser representing Risser Brothers, Richard Alwine, Jay Nissley and Lamar Witmer. Missing from the picture is Albert Fry.

Board members serving the Mt. Joy Cooperative in the next year are, from the left, Kenneth Miller, Joe Wivell, Henry Garber, J. Ivan Hansen, Robert Brandt, Roy Alger, and Don Risser.

Paul Hostetter, Mt. Joy general manager, stands proudly between two decorative milk cans given to him by the co-op's milk truck drivers. The can on the left depicts modern milk transport, a tractor-trailer, the can on the right depicts milk transport of yesteryear, a horse drawn carriage.

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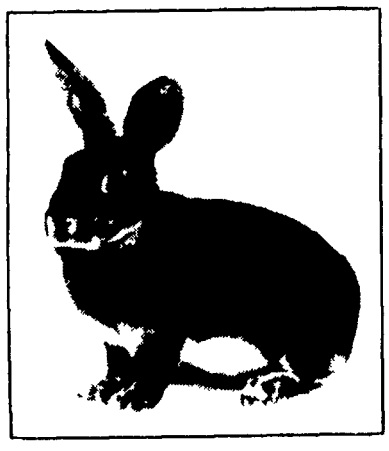

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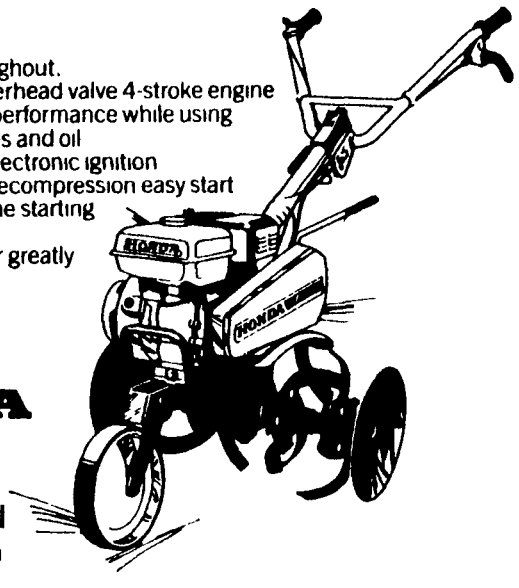

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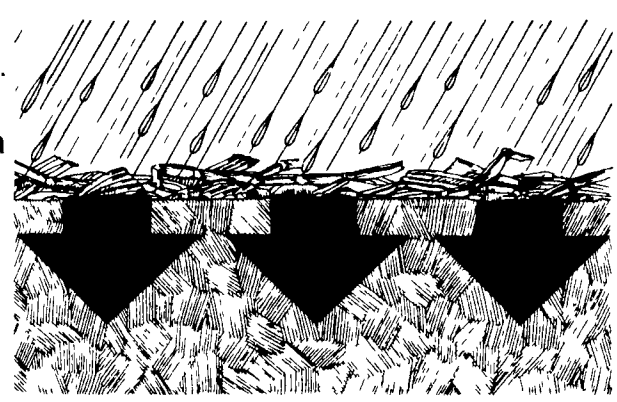

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Solubility is the ability of a herbicide to dissolve in water and become available for weed and grass uptake. The extra solubility of Bicep really helps. Because of it, Bicep is easily carried by water into the weed and grass germinating zone of the soil. And once it's there, Bicep is better dispersed. So it does a better job.

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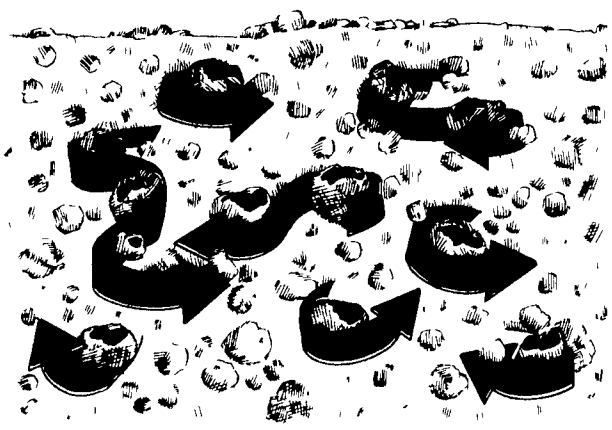

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Delmarva Beef Cattlemen's Association gets started

BY TRISH WILLIAMS

HARTLY, DEL — After a few years of consideration, needs assessment and resource linking the Delmarva Beef Cattlemen's Association has officially come into being. The association held its first meeting earlier this month in Centreville, Md.

Officers elected at the meeting to serve the association in its first year are, Henry "Hank" Walls, president, and Jeff Gibbs, vice president. The Delmarva Beef Cattlemen's Association organized for the purpose of improving the beef cattle industry on the peninsula, which formerly lacked unity. Through educational and promotional work, the association intends to improve the production and marketing of beef cattle in Delmarva.

"The basic premise of the organization is to do a better job of merchandizing and marketing for the profit of the producer," said Walls in a conversation at his Hartly home. "In order to achieve that, there needs to be aid in promotion, as well as information on production."

Walls, a retired Army career man, began to realize the need for such an organization when he became interested in raising registered Angus on his Riegele Farm. Walls moved with his wife, Ellen from the hustle, bustle and headaches of life in suburbia Baltimore to a more peaceful pursuit of part-time farming east of the bay.

That is not to say that Walls approached beef production in a casual or passive way, only that he receives a great deal of pleasure from raising livestock. His eagerness to learn the ins and outs of this new vocation led Hank to take short courses in beef production at Cornell University and at Penn State. He sought help from the Angus breed association, and talked to Extension livestock specialists to glean efficiencies in his production.

But Walls felt that some of the most pertinent information for improving his operation was coming from other nearby beef producers. For instance what is the best market day at a particular auction, who are good feed suppliers, were questions Walls turned to other producers for answers.

"At first we didn't think there were very many beef producers on the peninsula," Walls said. "But the more we looked around, we found a lot of part-time operations."

Enlisting the interest of others beef producers and Extension personnel, they began to identify beef producers in Delmarva. All together over 350 beef producers were identified, representing an industry larger than anyone had expected. It was believed developing a network to unite these producers would certainly add to their profitablity.

As yet the organization is still in its discovery phase, according to Walls.

"We are still trying to identify producers, what we have, and where we are going. We have to meet to establish committees for programs, and promotion, and we need to establish a treasury."

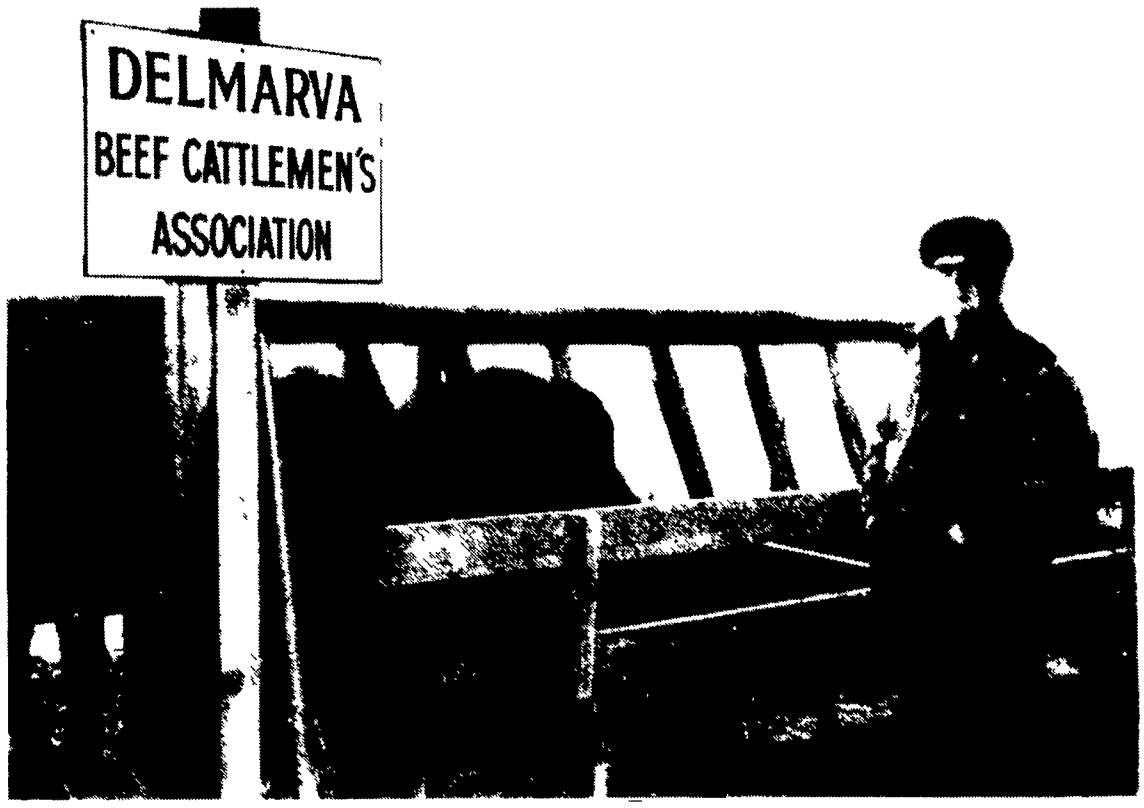
A main thrust initially is education, bringing in experts on nutrition, marketing and merchandizing to speak to the group. Tours of successful beef operations are geared for learning production techniques.

A tour has already been scheduled for March 1, beginning at Delaware State College at 9 a.m. Included on the tour will be the college's cattle operation and forage research facilities; Old Field Cattle Company, Galena, Md.; Jack Kling's feedlot and USDA inspected slaughterhouse and market, Camden-Wyoming, Del.; and Oakells farm near Milton, Del. where beef cattle are considered a third crop as they graze rye aerially sown into corn stuble.

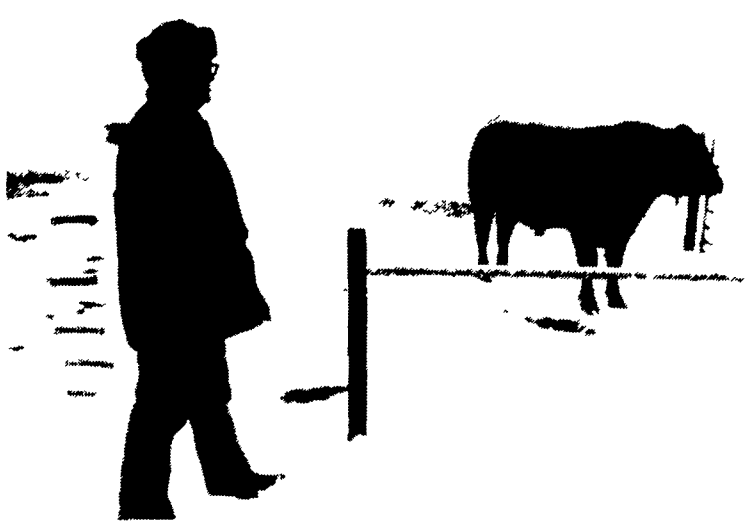
The association also decided at its first meeting to participate in the Commodities Fair to held in the Blue Hen Mall, Dover, Del., March 2-4. There will be a beef cook-off competition with prizes for the best three recipes.

Standing right next to Walls as he promotes beef at the Commodities Fair, will be Ellen Walls, promoting lamb with the Delaware Sheep and Wool Growers Association. Ellen owns a flock of nine Cheviot sheep and is as enthusiastic about promoting lamb and improving the areas sheep industry as her husband is about beef.

Together and separately this couple is working to improve the networking among producers in the area. Their hope is that better education and communication will increase the profitability of production for livestock farmers



In Walls' newly built livestock and storage barn hangs the Delmarva Beef Cattlemen's Association sign. Henry Walls, president of the association has used the sign at various functions on the Delmarva pennisula to draw attention and potential members to the newly formed organization.



Henry "Hank" Walls retired from the army and the hustle, bustle and headaces of life in suburbia Baltimore to a farmette near Hartley, Delaware. Walls is now involved in the more peaceful pursuits of beef production and sales of spring-tight electric fence systems.

Ellen Walls shares her husband's enthusiasm for animal breeding and productions. Pictured here with her prize winning Cheviot ewes, Mrs. Walls is a member of the fledgling Delaware Sheep and Wool Growers Association.

Women face tough time in farming

UNIVERSITY PARK — Women farm operators seem to have a "tough row to hoe."

The situation is that women farmers, in general, find themselves constrained because of their sex. This was reported recently by Carolyn E. Sachs, rural sociologist with the College of Agriculture at Penn State. Sachs is the author of a newly published book describing women in agriculture. Earlier she made detailed studies of the constraints facing women farm operators in Kentucky, Indiana, Ohio, and Minnesota.

Sachs said a national survey showed that women farmers lack access to information about improved farming methods. However, the Cooperative Extension Service, a major source of information for farmers, is appointing a few women as agricultural agents in various parts of the U.S. Traditionally, agricultural agents are mostly men, accustomed to dealing with men.

Fortunately, attendance of women at agricultural meetings is increasing. And women are forming their own organizations in some areas of the country, she said, primarily for general farm improvement but also to strenghten the position of women in agriculture.

Another major problem is the reluctance of policymakers and farmers – including farm women – to define women as "farmers." According to the U.S. Census, only 5 percent of American farmers are women. The Census lists women who live on farms with male farm operators as "unpaid family labor." It follows that men are considered "farmers" while women are "helpers," Sachs commented.

Other constraints facing women are lack of access to land, credit, and training. Control of land is a major problem. Women often inherit land at a late stage in their lives, upon the death of their husbands.

Few women receive training as farmers, Sachs observed. Women generally learn farming through experience or are taught by their husbands. However, increased enrollment of women in colleges of agriculture suggests that women's access to formal education is improving, she noted.

Sachs indicated women are very active in farm work. Women take care of animals, harvest crops, and do field work and land preparation such as plowing, disking, and planting. These are carried out in addition to the typical work of running errands, doing the gardening, and keeping records.

Women report they often do work that men do not like. One woman farmer explained that "women do the disking of a field, but you will rarely see a woman doing the planting since men want to do that."

And she added that an increasing number of farm women are working off the farm, in addition to carrying out household and agricultural work. In 1979, about 36 percent of farm women were employed off the farm.

Sachs' book is entitled "The Invisible Farmers: Women in Agricultural Production," and was published in 1983 by Rowman and Allenheld of Totowa, NJ. The nationwide study was made by the National Opinion Research Center of Chicago, Ill., a project funded by the U.S. Department of Agriculture.

Sachs found that women who farm alone are widows, are single, or are married to men who are not farmers. Compared to men, women farm operators are more likely to be older, to own all their land, to have relatively smaller farms than men, and thus have lower agricultural sales.

Task force issues poultry repopulation guidelines

HARRISBURG — As repopulation of flocks destroyed because highly pathogenic avian influenza begins, state federal-industry Task Force guidelines will help reduce the risk that healthy birds are not going into unhealthy environments. The guidelines will also be used to release state and federal quarantines on individual farms.

"Our guidelines provide the way for producers already hit by avian influenza to get back into business with a relatively small risk of additional losses or of spreading the virus to other flocks," said Dr. D.J. Fichtner, director of the Avian Influenza Task Force.

Six premises in the quarantine area that destroyed birds because of avian influenza have replaced them with new birds. Three of the new flocks are located in Lancaster County, two in Lebanon County, and one in Chester County.

"The repopulation of flocks is a positive sign," said state Agriculture Secretary Penrose Hallowell, "but we're not out of the woods yet. Producers should continue to enforce strict rules about limiting the people who enter their premises, and follow stringent decontamination procedures."

Fichtner added, "They should also participate in the Poultry Watch program to make sure they catch an reinfection by the virus at the earliest possible time."

The guidelines state the producers must:

- completely clean and disinfect all poultry houses, equipment, feed and must have disposed properly of all litter, feed and manure;
- wait a minimum of 30 days after the cleaning and disinfecting is completed and approved, observing all quarantine restrictions;
- receive negative laboratory results from premises environmentally sampled after cleaning and disinfection;
- have a statistical number of the replacement birds tested by an approved laboratory before movement;
- provide an affidavit that the crews handling the replacement birds have not been exposed to birds or premises known to be infected with avian influenza. The crews must also wear clean clothing, clean and disinfected footwear or use disposable coveralls and disposable boots over footwear;
- make sure that vehicles used to transport the birds are properly cleaned and disinfected;
- and, have proper permits to repopulate their premise.

Every step of the procedure is approved by Task Force officials, who will also survey the neighborhood around the premise before it is repopulated.

Once the new flocks are established, they will be included in the "Poultry Watch" surveillance program.

As of January 24, 253 flocks have been declared positive for highly pathogenic avian influenza with the 5,100 square mile quarantine area in Pennsylvania, and the 12 square mile quarantine area in New Jersey.

More than 10 million birds have been destroyed to date.

Avian

(Continued from Page A1)

to prevent the spread of the high pathogenic virus."

Heinz added that any eradication program must meet the test of fairness and effectiveness, including fair market indemnities.

Virginia Sen. John Warner, who testified with Heinz, said the Pennsylvania avian flu crisis "is a problem that threatens the national poultry industry and, therefore, needs a national remedy."

Warner, who supports the need for additional federal indemnities, said that on the average $1.82 has been paid per bird. This amount, he added, does not match the down time and other costs incurred by the poultrymen.

In addition to the senators, Lancaster County poultrymen and industry represetatives pleaded their cases on behalf of the state's $400 million poultry industry.

Donald Horn, executive vice president of Pennfield Corporation, told Sen. Spector that the state's poultry industry will suffer dramatic changes without federal aid.

"We will likely see farm bankruptcies and foreclosures, loss of both domestic and export markets and a substantial reduction in the size of the industry," Horn said.

"We have been willing to make this enormous sacrifice because it is in the best interest of our own state's industry and the national poultry industry, as well as the nation's consumers."

Horn added that the poultrymen believe "that in return for the enormous sacrifice the Pennsylvania poultry industry is making, we must receive fair market value for our destroyed poultry."

Pa. Secretary of Agriculture Penrose Hallowell agreed that farmers "are paying a dear price, not only for their businesses, but also for the lives of their families."

Hallowell said the number of people affected by the avian crisis goes beyond the several hundred farmers and includes those who supply the birds, work in the feed mills and supply stores, and those who work on the marketing side.

Also speaking at the hearing were Lancaster County poultry farmers Charles Warfel, Willow Street, and Ronald Shaffer, Manheim. Written testimonies by poultrymen Warren Miller and Dale Rohrer were presented for the record.

While no decisions were made concerning additional federal indemnities, the testimonies given Thursday will be compiled and reviewed for consideration of the fair market value poultrymen are seeking.

Grange opposes liquor change

QUARRYVILLE — Fulton Grange No. 66 went on record at its meeting Monday night as opposing any changes in the State Liquor Store system that would turn the retailing of alcoholic beverages over to private enterprise.

In opposing the change supported by the Thornburgh Administration, the Grange said the change would increase the number of drunk drivers and alcohol addiction among the young, would increase costs to taxpayers and only benefit the liquor interests and Mafia.

Mrs. Aldus Martin still had a few dinner theatre tickets for Feb. 4 and may be contacted for them, as no tickets will be available at the door. Pomona Master Clifford Holloway Jr. still had tickets for the Lancaster Co. Pomona Grange recognition dinner to be held Wednesday at Willow Valley Restaurant.

The Secretary, Doris Brown, read a letter of thanks from Cub Scout Troop 130 for permitting them to meet in the Grange Hall. It was announced that the first four degrees will be given May 14.

The Lecturer, Sandy Galbreath, presented the Mary Graham Dancers, a group of teenage girls, who performed six dance routines. They made a nice appearance in their varied costumes and had a program which displayed their talents. Mr. and Mrs. Erwin Smith showed colored slides of the Grange tour last summer to New Brunswick, Prince Edward Island and Nova Scotia, after which AnnaBell Wiley showed movies of the trip and several others had snap shots and cards to view.

The program for the next meeting, Feb. 13, will feature "Family Feud" with Grange participation. The young marrieds committee, Mr. and Mrs. Nicholas Brin, chairman, will be in charge of the program.

Mt. Joy Co-op

(Continued from Page A30)

company that went bankrupt and requires some renovation.

The two real money makers for API are the fluid milk plants in Lansdale and Schuykill Haven, said Alger. API ice cream sales increased by 50 percent last year, he said. Less than two percent of API's manufactured products had to be sold to the CCC last year.

API board members are trying to get 10 cents of the 15 cents mandatory deduction back to API for brand name advertising. Alger said it is still uncertain if funds from the national promotion program may be used on brand name advertising.

Entertainment following the meal was provided by a chorus of producers' wives. The women sang a collection of gospel songs.

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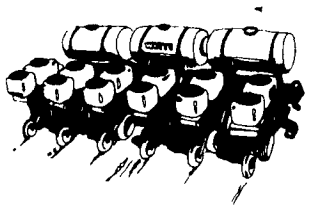

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Crawford DHIA

(Continued from Page A20)

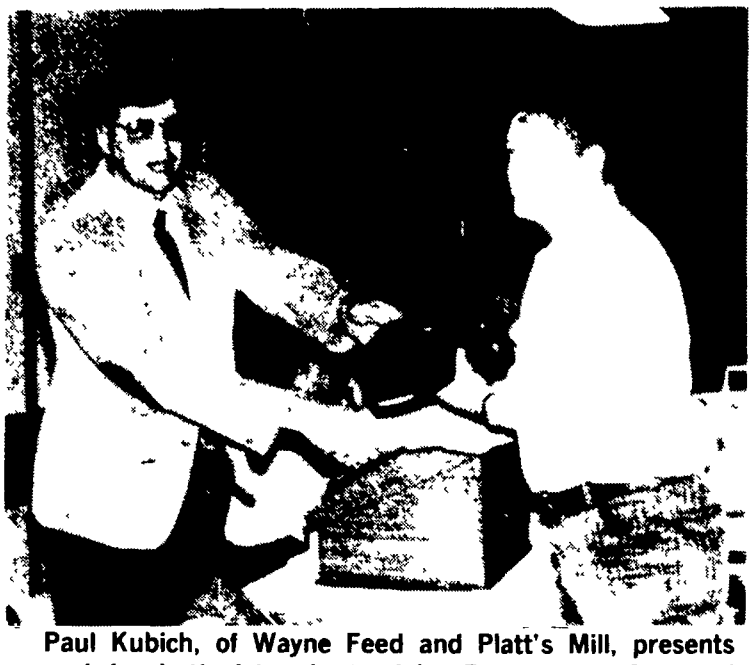
terfat and 555 lbs. of protein reflecting an increase of 3,958 lbs. of milk and 143 lbs. of butterfat. John Brenner, of Spartansburg, was the recipient for greatest gain in butterfat with an increase of 179 lbs. of butterfat and 3,727 lbs. of milk, with a herd average of 16,878 of milk, 676 lbs. of fat and 555 lbs. of protein. Paul Kubich, of Wayne Feeds and Platt's Mill presented the plaques and added that "this is especially satisfying as John is one of our customers and I have worked closely with him."

Tom & Libby Wilson, R3 Saegertown, were presented an award for their efforts in obtaining the lowest somatic cell count, averaging 103,083 for the twelve-month span.

Certificates of Commendation were given for the highest production cows in milk, fat and protein in each breed. The Ayrshire milk and fat honors went to Wagnercrest for their registered Ayrshire, Dot with 17,757 lbs. of milk and 668 lbs. of butterfat. High protein honors went to Kenneth and Judy Mook, with 529 lbs.

Mike Zulovich with Brown Swiss Bessie garnered all three highs with 20,229 lbs. milk, 733 lbs. of fat and 672 lbs. of protein.

Zulovich also had the high for Guernsey protein with 530 lbs. Dolly Run Farm, Paul & John Kunz, received milk and fat honors with two different registered Guernseys. Ritzy produced 16,553 lbs. of milk and Jodie had a 4.9 test with 725 lbs. fat.



Paul Kubich, of Wayne Feed and Platt's Mill, presents award for butterfat gain to John Brenner, of Crawford County.

A Jersey cow owned by Spruce Row Farms of Meadville with a record of 16,877 lbs. milk, 940 lbs. of butterfat and 700 lbs. protein took all three highs.

The high for mixed breed went to Alan & Rhona Custead for milk and fat with 19,116 lbs. milk and 654 lbs. of butterfat. Protein went to Bob & Earl Infield with 709 lbs.

Mike Zulovich swept the Red & White category, in addition to Brown Swiss, with 20,171 lbs. milk, 655 lbs. fat and 526 lbs. protein.

In the Holstein breed, Wagnercrest Farm with 4-year-old registered Bell received milk and fat honors for 33,524 lbs. milk, 1,328 butterfat. Queens Manor's Leadfield Telestar Linda took the protein award with 966 lbs. along with 30,133 lbs. milk and 1,248 lbs. of butterfat.

It was reported by County Agent Joe Beard that a total of 142 herds completed the 1983 testing year with 6,781 cattle. The county average was 15,231 lbs. milk, and 556 lbs. fat with herd size averaging 50 cows. Since testing began in Crawford County in 1925, production per cow has doubled.

Although the highlight of the afternoon was the award presentations, other business was conducted. Mrs. Doneva Hyde, DHIA president, was master of ceremonies in which new directors were elected. State DHIA director Gray was present to tell of recent meetings. Also, the Dairy Princess Committee had a part in the agenda with Alternate Princess Diane Schutz on hand to report on her activities. As a special treat, Lisa Marshall, of Mid-East UDIA, spoke on the organization and presented a short film of milk commercials that are presently being shown on prime time TV nationwide. These were shown to allow farmers in the Mid-East region to realize their milk check advertising dollars are doing an effective job. Everyone enjoyed the ordinary people pictured (like themselves) who never have "ordinary days".

The featured speaker of the day was William Heald, Penn State Dairy Extension Specialist, who discussed computers in DHIA on and off the farm. He stressed that there will be vast changes in DHIA in the near future with computers slicing the time needed to analyze samples. In fact, devices will soon be tested that can do much of this [illegible] when the supervisor is present. Also stresses was that since surplus is a fact, the "best must get better" and DHIA can help farmers survive. "Nationally DHI customers have three times more cows and average 5000 pounds milk per cow-higher volume, better operators, therefore better managers", summarized Heald.

Many of the nearly 200 present left the annual meeting with one of the door prizes donated by local businesses.

Inter-State distributes investment tax credits to members

SOUTHAMPTON — During January, Inter-State Milk Producers' Cooperative distributed $108,146 in investment tax credits to its members, according to Treasurer Evan L. Fineman.

Fineman said that all members were mailed in Internal Revenue Form 1099 which listed their portion of the investment tax credit.

"This is the third year that Inter-State has distributed investment tax credits to its members. Because we are a cooperative, we can distribute unused portions of the tax credit to our patrons," Fineman said.

Fineman explained that the investment tax credits are applied directly against the income tax liability."

The credit was distributed on the basis of patronage during Inter-State's 1983 fiscal year, August 1, 1982 through July 31, 1983.

Inter-State Milk Producers' Cooperative represents more than 3,100 dairy farmer families in Pennsylvania, New Jersey, Delaware, Maryland, Virginia and West Virginia. During fiscal 1983, the Cooperative marketed more than 2.51 billion pounds of milk.

Schuylkill vegetable meeting

POTTSVILLE — The Schuylkill County Winter Vegetable Meeting will be held on Tuesday, Feb. 14, from 8:30 a.m. to 3:00 p.m. at the Dusselfink Motor Inn, Rt. 61, Pottsville.

Speakers for the meeting will be Cyril Smith, Professor of Plant Nutrition; Pete Ferretti, Extension Vegetable Specialist; Robert Tetrault, Extension Entomologist; Michael Orzolek, Extension Vegetable Specialist; and Alan MacNab, Extension Plant Pathologist.

The topics discussed will include the three-year project with lime and fertilizer increasing efficiency in vegetable production.

All vegetable growers are invited to attend the meeting sponsored by the Schuylkill County Extension Service. For additional information, contact George P. Perry, Jr., County Agent - Horticulture, P.O. Box 250, Schuylkill Haven, PA 17972 or telephone (717) 385-3431 by February 9, 1984.

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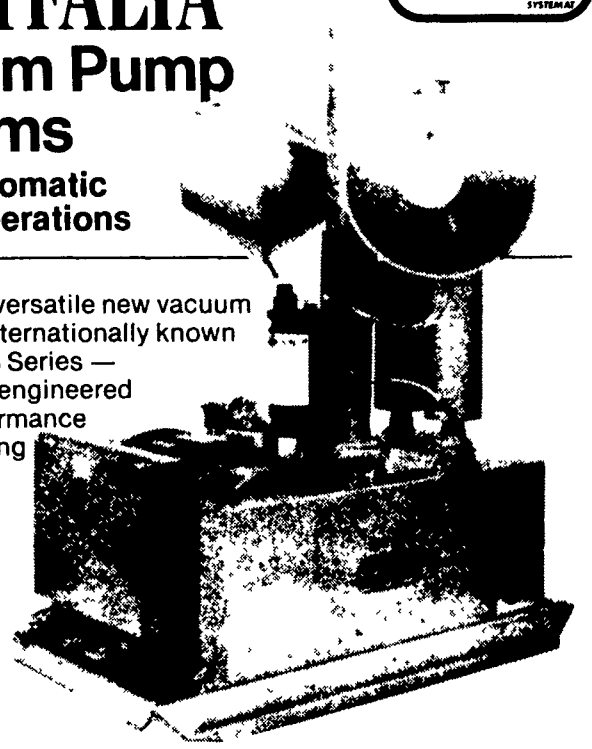

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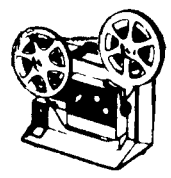
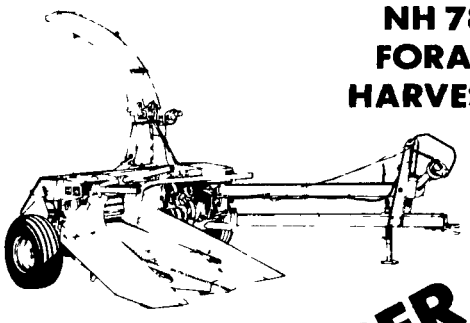


★ DOOR PRIZES ★



NH 782
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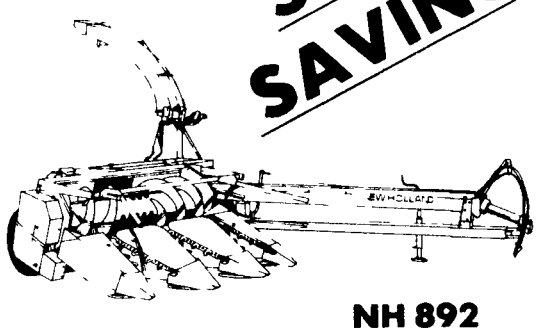

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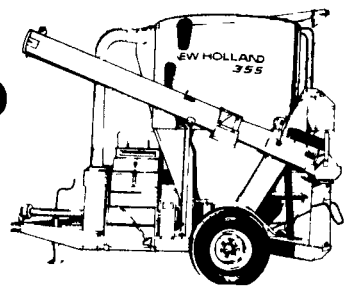

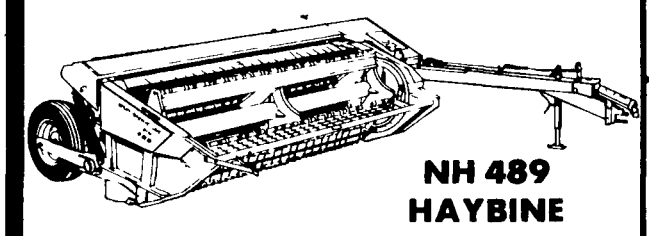

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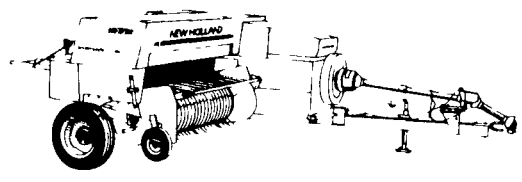

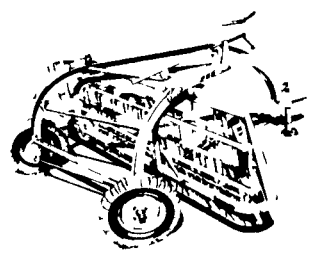

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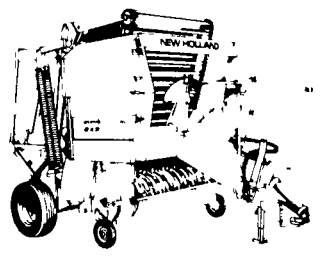

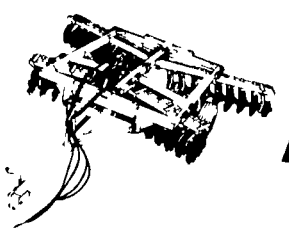

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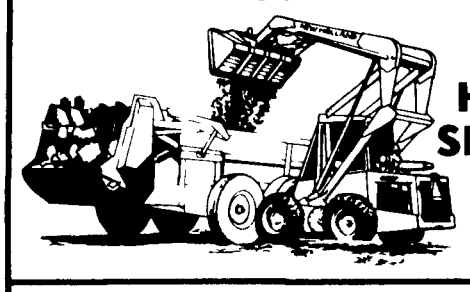

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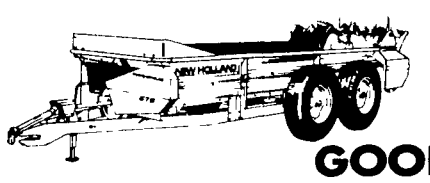

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Panel members on ag's future at York include, from the left, David Wolf, Sperry New Holland; Bill Fleet, Pioneer Hi-Bred International; and Gene Swackhamer, Farm Credit Banks of Baltimore.

York Agri-Business seminar looks to future

BY JOYCE BUPP
Staff Correspondent

YORK — Some of January's worst, weatherwise, may have cut attendance at this year's annual York Agri-Business seminar, but enthusiasm from a trio of forward-looking speakers warmed the ag imaginations of those attending the meeting at Avalong's Restaurant.

Focusing on the theme "Agriculture in the Future," York Extension Service and the Chamber of Commerce co-sponsored the 21st annual session that brings together farmers and ag-business industry representatives.

Speakers looking to the future of the food production industry were Gene Swackhamer, president of the Farm Credit Banks of Baltimore, Dave Wolf, market research manager for Sperry New Holland, a d William Fleet, eastern reg ial agronomist for Pioneer Hi-B d International.

Swackham offered a bit of the classic bad ews, good news commentary, with the speculation that, while interest rates are expected to climb over the next year, the increase is likely to be limited to one or perhaps one and one-half percent by 1985.

"We have probably experienced the floor, or near floor, of interest rates, and will see upward pressure in the future," he projected. "Politicians are not likely to create lower interest rates, even in his election year."

With interest considered the third highest input in farmers' budgets, the Farm Credit administrator suggested that producers get in touch immediately with their lenders to establish lines of working credit.

The government's $190 billion deficit continues to play a major role of influence over the nation's interest rates. While approximately 30 percent of that national debt is currently financed by foreign money, Swackhamer believes that the continuing strength of the U.S. Dollar will likely cause the volume of that investment to diminish.

If - or when - that foreign investment is withdrawn, government debt will need other sources of financing, putting the squeeze on market interest rates as the government competes for funds with domestic borrowers.

According to the Baltimore district bank president, Paul Volker of the Federal Reserve has warned that there will be no more credit crunches, just higher interest rates, since a tight rein on the volume of the nation's money supply means keener demand for the limited amounts of capital available.

David Wolf, Sperry New Holland's manager for market research, noted that computers will undoubtedly be a tool of the future including the use of these microchip aids to "tape" harvesting at various speeds and conditions to determine the most efficient machine techniques.

Ridge tillage equipment will aid in conserving and utilizing every last drop of moisture available to a crop, likely moved through fields powered by a fuel of the future, gasohol.

Alfalfa croppers could anticipate the day when they no longer have to keep one ear to the weather station and one eye on the sky, if crop passing machines described by Wolf become commonplace.

Such equipment could harvest hay crops in all weather conditions, even rain, wringing out the dry matter for high quality forages with less spoilage, while making available "green juice" for protein additives, and "brown juice" that could be recycled into fields.

But such futuristic cropping and harvest methods will still have their roots in some of agriculture's proven basics, according to Pioneer regional agronomist Bill Fleet.

Fleet sees science going back to such basic conservation practices as crop rotation, but with a better understanding of just why these methods work as well as they do.

Geneticists are expected to continue improving plant systems efficiency, through breeding nitrogen-fixing capabilities into such species as wheat and barley, and developing greater water usage efficiency in alfalfa strains.

Seeds will commonly be treated with systemic materials, using time release fertilizers, pesticides, and herbicides for long-term plant protection and growth stimulation.

Electrode equipped sprayers may someday utilize positive or negative electric charges that would cause spray solutions to better adhere to plant foliages.

In a science known as "allelopathy," natural chemical toxins, produced by the roots or foliage of certain plants known to limit other species from growing around them, may be incorporated in food crops and fiber to prohibit undesirable plants from springing up. Plants would, in effect, be self-weeding.

Following their individual presentations, the trio of speakers was teamed with moderator John Smith for a question-answer panel discussion.

Also featured on the program was a film, "Agri-America 2003 A.D.," produced by the Production Credit Associations of the Farm Credit system.

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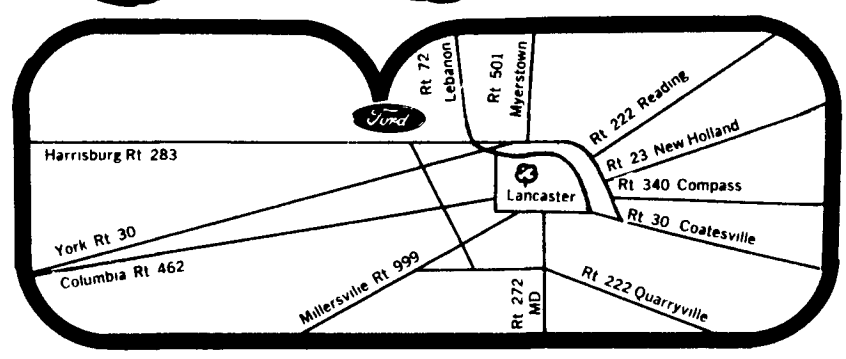

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Beshores

(Continued from Page A20)

milk only the best that we can afford," Beshore reflects.

After studying at Delaware Valley College, the Beshore's youngest son, Jed, returned to partnership with his parents in the family operation. He and his wife, Sue, have since assumed full reins of the business, making all the farm decisions.

"Jed always wanted to be the farmer and he deserves credit for where the herd is right now," Wayne is quick to emphasize "I only milk in emergencies."

Rolling herd average on the 46 registered milkers is 20,200 pounds of milk and 740 fat. The herd has been awarded the Progressive Breeder Registry recognition for ten years, and three of the outstanding milkers have produced over the 200,000 pound mark.

Merchandising of their pedigreed offspring, through county, state and private sales, has put Beshore breeding stock in the herds of many satisfied customers in various states.

Wayne's philosphy of quality has carried through to the crop production, and in 1965, earned him the state Grassland Farmer honor.

Production from the 80 acres of corn and 55 of alfalfa is integrated into the dairy herd feeding program, while part of the 25 acres of wheat goes as cash crop.

Hay comes off early as haylage, with later cuttings in the mow, and corn silage refilling storage units as needed. Due to the summer drought conditions, some additional hay has been purchased in to round out feeding supplies.

All four of the Beshore children remain close to the farm [illegible]

knit family involvement that Wayne and Athena atribute in part to their participation in 4-H activities.

Each had project animals and was responsible for helping with their share of the barn chores. Marvin, the oldest and a practing lawyer, and daughter Joy, a stockbroker, were both on the state's winning 4-H dairy judging team during the mid-1960's.

Kirby, who today has fulfilled his lifelong ambition to be a stockbroker, earns his parents praise for putting aside his career plans temporarily to help with the dairy herd while Jed finished college.

Both Marvin and Kirby still lend a hand at the barn, while grandson C.E. Hubbard III also taken a keen interest in the family dairy herd, comprising the third generation concurrently involved on the farm.

From his years of work with the milk advertising programs, Wayne sees the 15-cent mandatory deduction on all milk for promotion as the best part of the recently-enacted Dairy Opportunity legislation. He'd like to see a chunk of that funding go toward dairy product research, as well as geared toward teaching consumers to differentiate between real dairy foods and imitations.

What especially concerns him is that, while support prices have dropped, retail prices have not followed suit.

Beshore became the ninth industry honoree to win the Charles E. Cowan award, presented annually in memory of the dairy leader who served the Dairymen's association as secretary-treasurer for 30 years.

Pa. is Brucellosis-free

HARRISBURG — Pennsylvania's dairy farmers have been officially notified that the state's dairy herds are certified Brucellosis-free.

Dr. John K. Atwell, deputy administrator for the Animal Plant Health Inspection Service of the United States Department of Agriculture, presented a Brucellosis-free certificate to State Agriculture Secretary Penrose Hallowell at the 113th meeting of the Pennsylvania Dairymens Association held recently.

Atwell commended the state and its 15,500 dairymen for their efforts in eradicating the disease, but cautioned that the Brucellosis-free status could only be maintained with a strict program of animal testing and monitoring.

According to Secretary Hallowell, the state has approximately 4,000 herds on individual test plans, one of the largest such programs of its kind in the nation.

"Our dairymen bear the costs of these programs and are to be congratulated for the time and effort they expand," he said, noting that the state must be free of the disease for one year to attain Brucellosis-free status.

Pennsylvania is a pioneer in Brucellosis research, entering the field in 1924. Federal involvement in the program did not come until the mid 1930's.

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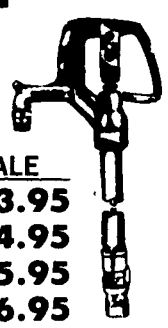

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3'	$37.95	$34.95
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7'	$42.95	$36.95
8'	$45.95	$36.95

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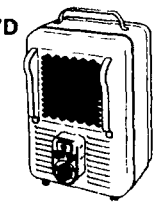

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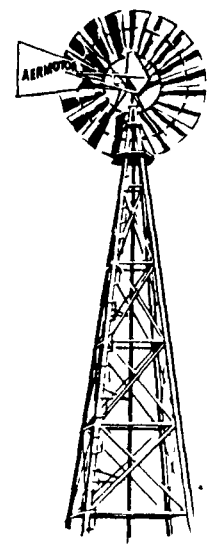
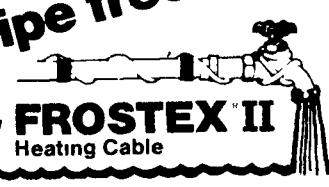


STOP pipe freezing



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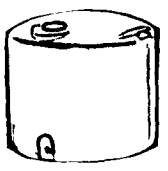

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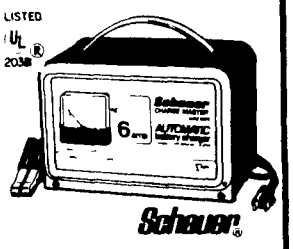

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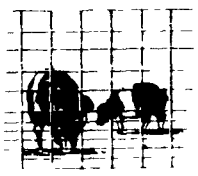
15	100	$89.95	$69.95
30	200	$107.95	$89.95

HOG PANELS



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Sale Reports

A Public Sale of horses and cows was held January 20 by Mr. and Mrs. Jacob Hershberger, 4 miles east of Aaronsburg, Centre Co., Pa.

The 40 head of grade Holsteins averaged $556 with the top cow selling for $850.

Other prices were: 2 horses $1635 each, 1 pair horses $1025 each, cornbinder $325, grainbinder $200, field sprayer $660, silo filler $325, hammermill and mixer $670, diesel engine $1800, N.I. manure spreader $1250, Int. mower $275, ice box milk cooler $290 and milk cans $30 to $32 each.

Mark Glick was the auctioneer.

xxx

A Public Auction of lumber yard equipment was held January 21 by F.P.Case & Son, Inc., in Troy, Pa. There were 708 registered buyers from five states and 900 lots were sold in 8 hours in zero degree weather.

Some prices received were: Hyster forklift $4600, 1978 Ford pickup $2900, 1973 Ford 1 ton truck $2650, 1974 F500 flat bed dump $4050, 1969 GMC flat bed truck $1700, 1981 I R 100 CFM air compressor $4700 and 8' sheet metal brake $700.

Auction managed by Dick Crittenden Auction Co. w/Muray Kent & Harold Fraley, Aucts.

xxx

An Auction Sale of antiques was held January 21 for the estate of Mary White Viohl at the Odessa Fire Hall, Odessa, Delaware.

Some items sold were: minature chalet $225, minature castle $500, pillar and scroll clock $900, pkg. of baseball cards $300 and pkg. postcards $240.

Rudnick Associates were the auctioneers.

USDA to report cow slaughter

WASHINGTON, D.C — The U.S. Department of Agriculture will begin reporting the number of dairy cows slaughtered each week in federally inspected plants. The first report was issued yesterday for the week ending Jan 7.

These weekly releases will be carried on the leased wire system of USDA's Agricultural Marketing Service and in that agency's published Livestock, Meat and Wool Market News Weekly Summary and Statistics.

The slaughter data, gathered and tabulated in a cooperative effort by the Agricultural Marketing Service, the Food Safety and Inspection Service, and the Statistical Reporting Service, are required to be reported weekly for 15 months under provisions of recently enacted dairy legislation.

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INVENTORY REDUCTION SALE ON USED EQUIPMENT

1-JD 4230D Tractor w/4 Post Roll Guard
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1-JD "A" Tractor
1-IHC "H" Tractor
1-IHC W6 Tractor
1-Ford 8N Tractor
1-Ford 1100 D Tractor w/4 Wheel Drive
1-JD 4400 D Combine w/Grain Platform
1-JD 443 4 Row Corn Head
1-Used NI Cut/ditioner
1-Used JD 800 Self Propelled Windrower
1-Used JD 24T Baler
1-Used JD 30 Kicker
1-Used JD 14T Baler
1-Used NH 271 Baler w/Kicker
1-Used JD 6500 Blower Forage
1-Used JD 64 Blower
1-Used JD 65 Blower
1-Used JD #9 Sickle Bar
1-Used JD 300 Elevator
1-Used JD 5½ ft. Hay Pick-Up
1-Used JD 3960 Harvester
1-Used JD 38 Harvester
1-Used JD 35 Harvester
1-Used JD 3 Row Corn Head
1-Used Hensen Cab Off 2630D Tractor
1-Used JD 2 Row 40" Corn Head
1-Used JD 2 Row 30" Corn Head
1-Used JD 1 Row Corn Head
1-Used 15A Flail Chopper
1-Used JD 344 Corn Head for Picker
1-Used Grove 3 pt Blade
1-Used JD 37 Loader
1-Used Farm Hand F20 Loader for 2010 Tractor
1-Used JD 845 2 Way Plow
1-Used JD FR-5 3-4' Bottom Plow
1-Used JD F145 5' Bottom Plow
1-Used JD 115 Chuck Wagon w/1065 Running Gear
1-Used Lamco Forage Wagon w/Running Gear
1-Used JD 216 Forage Wagon
1-Used Brillion Packer
1-Used JD 3 Section Spring Harrow
1-Used Pittsburg Disk Harrow
1-Used Athens Disk Harrow
1-Used Frich Disk Harrow
1-Used JD 790 Flail Spreader
1-Used FBB Drill w/Press Wheel
1-Used AC 4 Row Corn Planter
1-Used JD 7000 4 Row Planter
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1-Used 1240 Plate Planter
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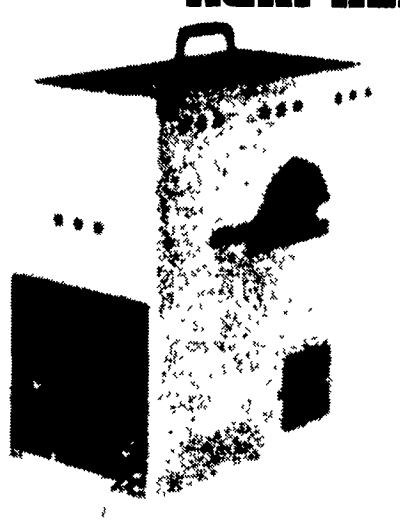

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Energy co-ops

(Continued from Page A1)

Proposals for funding of studies can be sumbitted to the Council by a group of farmers, farm organizations or associations, farm-related companies, alternative energy firms or other similar groups.

While the deadline for submitting proposals is March 9, the studies are to be conducted starting in mid-April and be completed by June 30.

The proposals are to be site-specific studies – concentrating on particular farms, farmers and [illegible] not to be of a general nature of investigation.

Since the total level of funding will provide possible financing of several studies, the Governor's Energy Council is hoping to have a geographical distribution of projects throughout the state.

Also, the proposals will be judged on how the technology of a system might be transferred to other farming areas of the state. The GEC also hopes to come up with proposals that contain a variety of techniques of handling animal wastes from several farms in a cooperative digester venture.

Money for the funding of the studies is available to the state from the U.S. Department of Energy through the petroleum overcharge escrow account.

Further information concerning the submitting of proposals can be obtained from Linda J. DeLiberty, Governor's Energy Council, 300 N. Second St., 11th Floor, Harrisburg, Pa. Mailing address for proposals is Governor's Energy Council, P. O. Box 8010, Harrisburg, Pa. 17105.

Is it feasible?

(Continued from Page A1)

Pluta said the concept of a cooperative digester for several farmers is practical, particularly in places like Lancaster County with its heavy concentration of small livestock operations in close proximity to each other.

All farmers now move their manure and what would be the difference with transporting it to a centralized digester, according to Pluta.

The mixture of operations -- dairy, beef- hog and poultry -- also might be a plus in any cooperative venture.

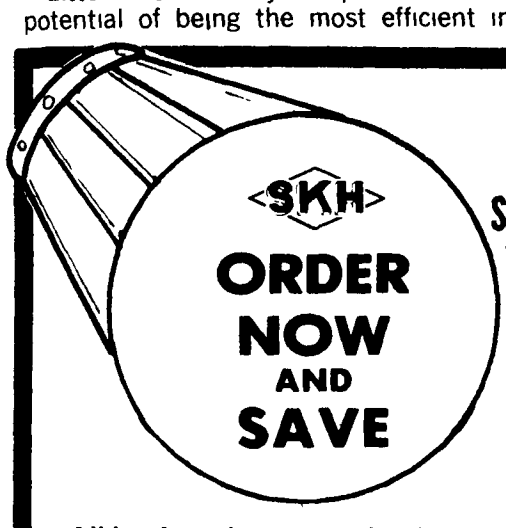
Litter from a layer operation has the potential of being the most efficient in the production of methane But the consistency of poultry manure is such that it must be diluted with water and this brings problems of storage and eventual disposal

But if it were mixed with dairy manure in a cooperative effort, it could be handled easier and possibly provide some biological advantages to the digester system, too.

Pluta explains that a current major consideration remains the same in any digester project -- no matter if it serves one farm or several in a co-op.

That consideration is the cost of the inter-tie back into the utility and any rules and regulations that govern the process of sell-back of power from farms to the utility

He explained that utilities in other states have been less conservative in their inter-tie and sell-back regulations



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8:30 A.M.
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Full details to follow March 3rd issue

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SAT. FEB. 11, 1984
10 A.M. Rain or Shine

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4440 John Deere diesel tractor w/cab & air
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1978 GMC ½ ton Sierra Grande pickup
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1967 GMC 6500 w/15' dump grain body
1954 Ford w/13' grain body

FARM EQUIPMENT
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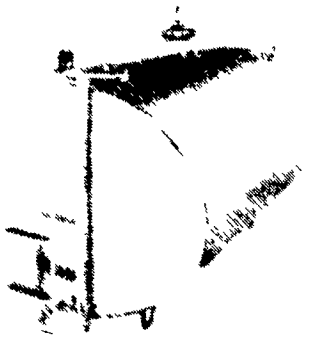

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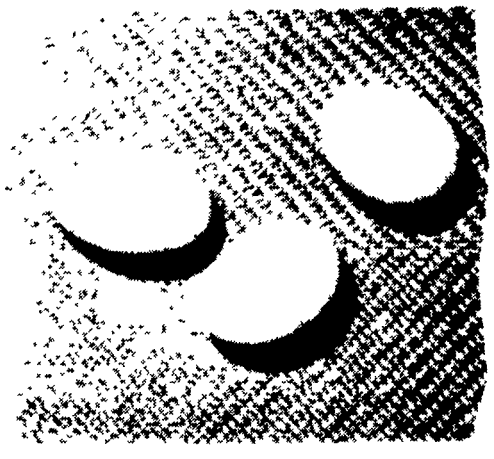
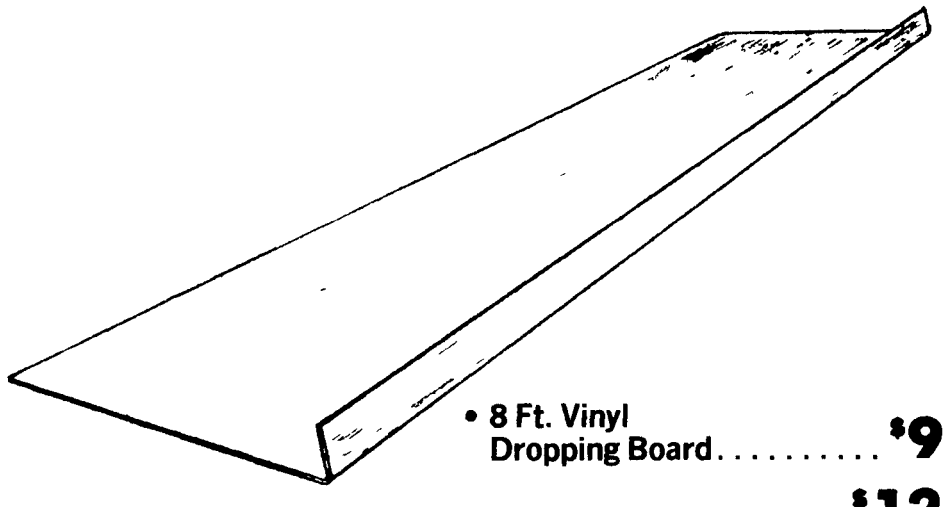


3¾" Egg Belt
.11¢ Per Foot



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Staff Correspondent

Janet Shultzabarger will keep you in stitches. Quilting stitches that is.

Janet is the owner of the newly opened shop, Calico Corners in Carlisle. Calico Corners has a wide variety of supplies to keep any quilter happily stitching.

This new entrepreneur has been a quilt lover for quite some time. She first became interested in this colonial craft because of the unique way in which quilters coordinated fabrics. Janet's love for types of quilts has taken her to all types of auctions and shops if not to buy, just to look.

"Searching for quilts is educational, inspiring and great fun," she said.

Like many other things, quilting has changed a bit from its first original style and purpose. Like most other early American crafts, quilting was born of necessity. And, most early American quilts were made of solid colored pieces of cloth. However, today's quilts are patterned more after the 18th century quilt that were more elaboratly pieced together or appliqued.

Janet said, "I don't have any particular favorites, I like to do them all."

Janet said that she took a lot of time deciding if she should open a shop. Her love for this old art made the decision.

The new shop owner patterned Calico Corners, located in Cumberland County, after one of her favorite quilting shops in the northern Pennsylvania area - a shop full of supplies and quality material at very reasonable prices. "That is exactly what I want my shop to offer my customers - quality," she said.

However, once she decided to take the plunge and had a definite idea what she wanted to offer her customers, that was only the beginning.

Janet said with the help of her husband, several friends and books from the library she began her travels into the world of owning your own business. Once she had all the information in order, she filed her business name, obtained a sales tax number and completed all the legal paper work before she could open her doors to the public. "This all took several months to accomplish," said Janet.

Another problem arose for Janet when she discovered that she had to live in a properly zoned area in her township before she could have a business. This problem solved itself after she went to the township authorities and found that her home was in a properly zoned area for businesses.

Once Janet had all the paper work completed she began her search for suppliers to fill her quilting shop. After months searching for names and address of manufacturers of top quality cottons, she was delighted to find them not too far from home. She is buying the major selections of her cottons from producers in Baltimore and Allentown.

Her fabric stock consists of a variety of quality cottons in beautiful colors. In her present selections she has coordinated the fabrics in each of the different fabrics offering the quilter a variety of possibilities for their quilts in the pale, medium and dark tones in each color group.

Along with the top quality cottons and muslins, Janet has supplied her shop with all the quilting essentials, from needles, hoops, batting, books and much more.

Janet said since she is just learning step by step about her customers needs she is keeping small quanitites of all the necessary equipment. However, she said if she doesn't have an item for a customer she will make special orders for those in need of an item.

Janet already has plans for the future for Caolico Corners. She wants to offer classes for the beginner to the advanced quilter, offering the basic and new ideas to all. Janet plans to begin this service in the future, however, she seems to already be in that phase of her plan to some degree. At the present, she is teaching three area women's organizations the procedures of quilting a pillow.

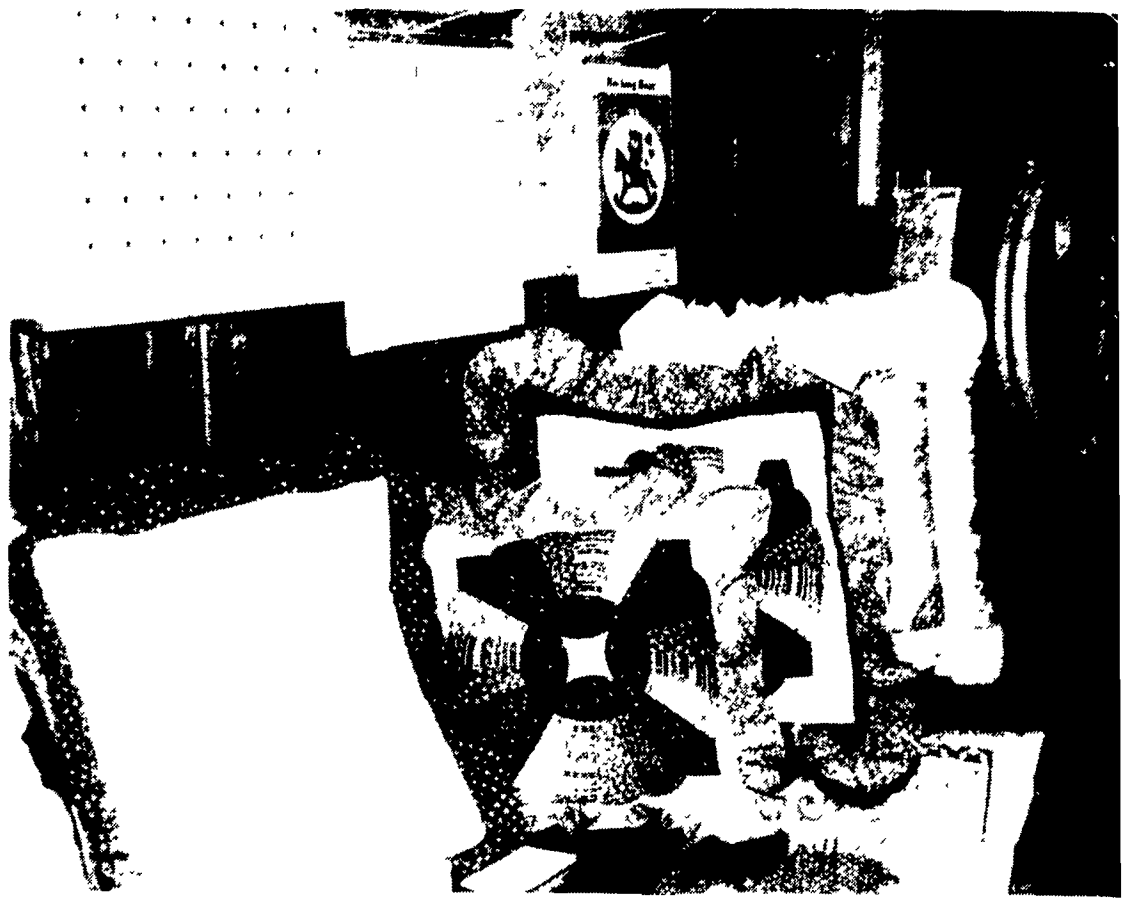
For these beginner quilters, Janet feels that it is better to work on a small project that can be completed in a short time. "This spurrs enthusiasm for the next quilting project," she said.

Janet feels that her own shop will help spurr on her own educational needs; tackling the more intricate designs in her own quilting projects. According to this quilter there is a lot of work and knowledge that goes into making a quilt with elaborate borders and design. For instance, she said, when making such an elaborate suilt you must coordinate the fabric, the border and design to complement each other for an overall mood of the entire quilt decoration.

But Janet said before she can start on such an intricate project, she has quite a number of requests to fill for her family. Janet said, "My daughter has an order for three appliqued quilts with an old-fashion design, Baskets of Flowers.

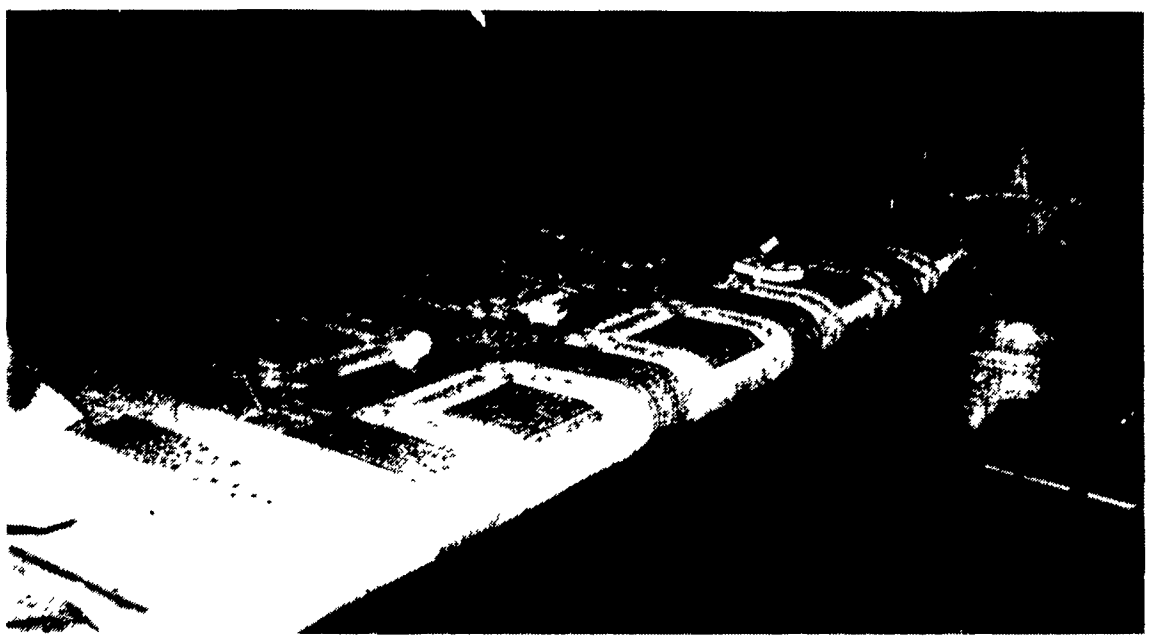
For Janet Shultzabarger, opening her own shop has been a dream come true. She remarked, "At first I was a little worried about the obscure location of Calico Corners." But what better place to have a quilting shop than in the country and along a road with such a fitting name, Barnstable Road. It seems to fit the image of such a country craft.

And with the arrival of each customer, Janet's smile brightens; and she said, "I made the right decision."



Janet's line-up of quilted pillows have been made for the beginning quilting classes she is teaching to several women's organizations in Cumberland County.

When she's not busy with customers, Janet quilts on her new project, a blue and cream colored quilt with a quilted flower design on the blocks and borders of the entire quilt.

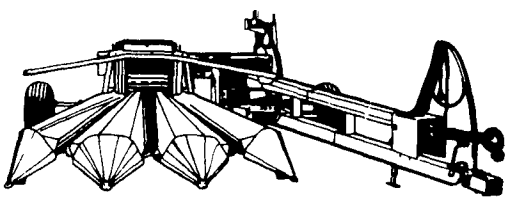


Here, the delicate looking quilt awaits the return of Janet, who must fit quilting into her busy schedule as shop owner and teacher.

Homestead Notes

JOHN DEERE

BOTTOM-LINE SPECIALS



New hay/forage Pick-A-Team program doubles your cash rebate for buying any two new machines before April 30, 1985 ...plus, finance waiver until first use month in 1984 or cash in lieu of waiver

First Machine Purchase	Cash Rebate	Second Machine Purchase by April 30, '85	Total Pick-A-Team Rebate
Square or Round Baler	$300	Square or Round Baler	$1 200
		Mower/Conditioner	1 400
		SP Hay Windrower	1 400
		3940/3960 Forage Harvester	1 400
Mower/Conditioner	400	Square or Round Baler	1 400
		Mower/Conditioner	1 600
		SP Hay Windrower	1 600
		3940/3960 Forage Harvester	1 600
Self Propelled Hay Windrower	400	Square or Round Baler	1 400
		Mower/Conditioner	1 600
		SP Hay Windrower	1 600
		3940/3960 Forage Harvester	1 600
3940/3960 Forage Harvester	400	Square or Round Baler	1 400
		Mower/Conditioner	1 600
		SP Hay Windrower	1 600
		3940/3960 Forage Harvester	1 600

†Redemption of 1983 certificates does not qualify for purchase in this 1984 program
Availability of John Deere financing and leasing plans subject to approval of credit
Leases not eligible for cash rebates or for cash in lieu of waiver
This offer may be reduced in value or withdrawn at any time

It makes good sense to double your cash rebate by buying two new John Deere hay or forage tools as listed here You can buy two now and get double the rebate on both Or buy one now and get a certificate to buy the second tool before April 30, 1985 get your double rebate at that time †

Finance your initial buy with John Deere and finance charges will be waived to the first use month in 1984. Or you can take a cash rebate in lieu of waiver.* For example, buy both a self-propelled hay windrower and a round baler in December 1983, and get a cash rebate in lieu of waiver for $925 if the first use month is June in your area. Still another option is to lease these tools with lease-payment discounts comparable to the waiver of finance charge.*

You can, of course, buy any of these hay or forage tools individually. Waiver of finance charge or a cash rebate in lieu of waiver will still apply

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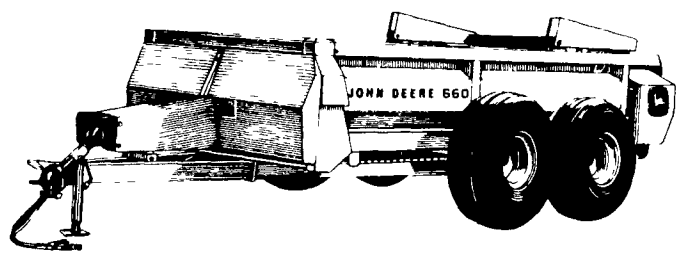

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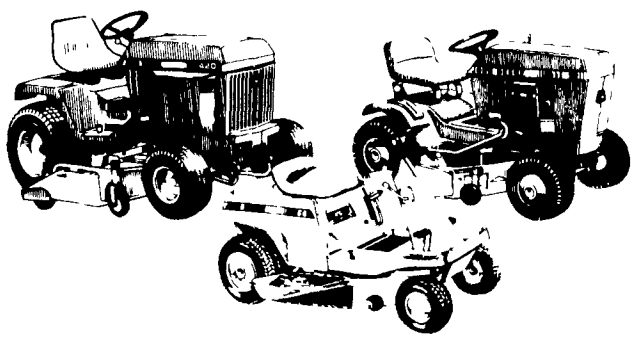

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Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

Bed Linens: A Variety Of Choices

After a long day, nothing is more relaxing than curling up in a clean, neatly-made bed. A clean bed can always be yours. If there are at least three sets of sheets and pillowcases for every bed: one on the bed, one in the laundry, and one set in the closet so a quick change of bed linens can be made at any time.

Always note the care instructions on the package when purchasing sheets. In general, sheets should be washed on the permanent press cycle in warm or hot water. Follow usage instructions on the package of detergent and bleach or other laundry additives for best results. Wash two sheets at a time, filling out the load with pillowcases and other items that can be washed and dried together. Tumble dry on the permanent press setting. Remove as soon as cycle is finished. Then fold, since little or no ironing is necessary.

Put clean sheets on a bed in a systematic way, so the bed will be neat and easy to make each morning until the next sheet change. Smooth the bottom sheet over the bed. If it is not a contour sheet, first tuck under mattress at the foot and head of the bed. Then make square hospital corners so the sheet will stay firmly in place.

The top sheet should be put on the bed with enough of the sheet at the head so that it can be folded back over the blanket. The sheet keeps the blanket clean. Put the blanket over the sheets, and tuck both top sheet and blanket in at the foot of the bed. The bed is now ready for the spread.

Sheets come in a choice of two basic types: muslin and percale. The fabrics differ in thread count (number of thread per square inch) and the type and size of yarn used. Muslin sheets have lower thread counts and heavier weights than percales because of their coarser yarns. However, a good muslin is durable and economical. Percale is generally made of combed as well as carded yarns that are finer, smoother and lighter in weight than muslin. Consequently, the sheets have a lighter, more luxurious feel. A percale thread count can vary from 170-200.

The majority of bed linens today are blends of cotton and polyester. The combination offers durability, wrinkle resistance and easy maintenance.

Bed sheets, both flat and fitted, come in standard sizes to fit standard-sized mattresses. The most common are twin, double, queen and kind sizes. Crib, cot or youth bed sizes may also be available. Mattresses vary in thickness so the size sheet (particularly the fitted type) needed must be determined after measuring the length, width and depth of the mattress.

Pillowcases are sized for regular, queen or king size pillows.

Most manufacturers label sizes by the torn length, before the sheet or pillowcase is hemmed. Top sheets should be approximately 10 inches larger than the mattress size so they can be comfortably tucked in on all sides.

The use of color and designs in bed linens makes sleeping areas one of the most decorative areas in the home. Most sheets today are printed and styled to suit any decor including a baby's or child's room. For a dramatic effect, mix and match color-coordinated designs. Consider, for example, combining a floral print with a striped design. Color coordinate a room using additional sheet material to make curtains, dust ruffles, chair cushions, even robes.

Wash Down-Filled Garments With Care

If you have recently invested in a down-filled jacket, vest or coat, you'll be glad to know that it can be washed as well as dry cleaned.

When washing a down-filled garment use warm — never hot — water, and a mild soap.

Whether you wash the garment by hand or on the delicate cycle of your washing machine, submerge it, then squeeze it for several minutes to make sure all the air has been pushed out. Handle the garment carefully and never wring or twist it.

Proper rinsing is very important. Any soap or detergent not rinsed out will cause the down to clump together and will reduce its insulating ability. The weight of a wet filling can strain or tear seams and even force the down through the fabric, so lift it out of the wash tub very carefully.

The easiest way to dry your down garment is in a dryer. Use a medium heat setting. Add two or three clean bath towels to absorb moisture and a clean pair of tennis shoes to break up the clumps of down as the dryer drum rotates. It will probably take several cycles to dry the garment completely.

Be sure there is no moisture left because down can mildew if it stays damp too long.

You can also dry a down garment outdoors on a warm, dry day. Drape it over several drying lines to evenly distribute the weight. Check from time to time and fluff the matted clumps with your fingers. Total drying may take several days.

Milk Bottle Celebrates a Birthday

The glass milk bottle celebrates its centennial in 1984. Introduced by Thatcher Glass Company in 1884, the glass bottle was the only container used for milk for nearly fifty years. Milk has since been offered for sale in waxed and plasticized paper, blow-molded polyethylene, plastic bags and rigid polycarbonate containers. Sanitation, safety, cost, ecology and convenience are all considered in selecting a package for milk.

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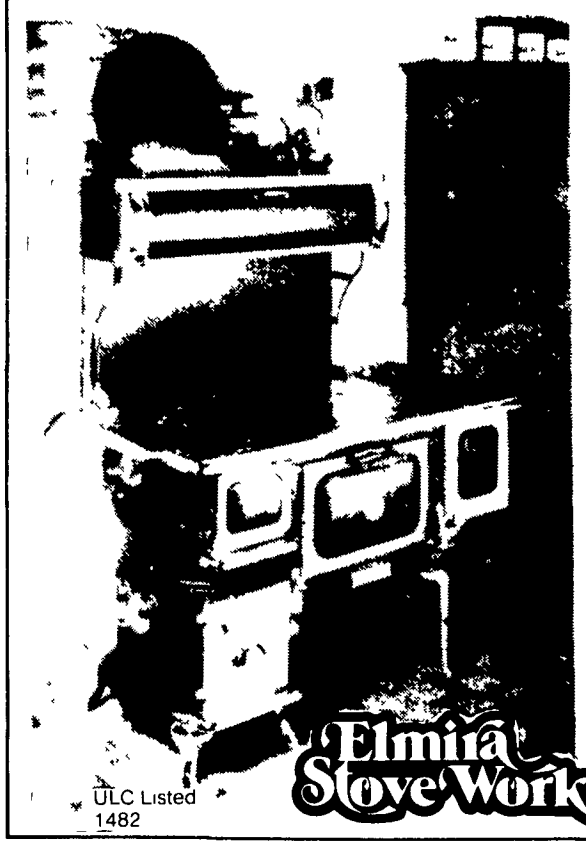

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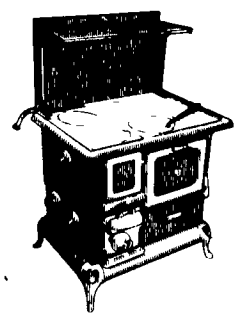

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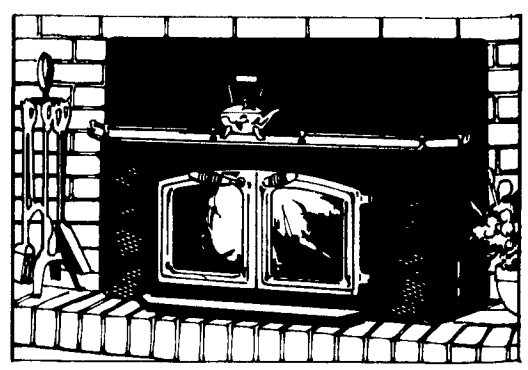

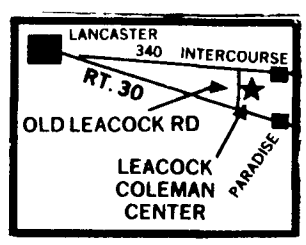

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4-H Roast Beef Supper Planned

NORRISTOWN — Members of the 4-H clubs are busy preparing for the annual Montgomery County 4-H Roast Beef Supper scheduled for Feb. 4, from 3-8 p.m. at the North Penn High School on Rt. 363, near Lansdale.

The clubs annually serve about 1,500 people who travel from many locations to enjoy this country-style dinner featuring beef from prize-winning 4-H steers. The public is invited.

Tickets are available from 4-H leaders, livestock club members or by contacting the 4-H Office at 277-0574. Prices are $6.50 for persons over 12 years of age and $2.25 for youth 5-12 years. Checks can be made payable to the "4-H Roast Beef Supper" and sent to 4-H Office, 400 Markley Street, Norristown, Pennsylvania 19401, stating the number of tickets needed. Include a self-addressed stamped envelope. Remaining tickets will be sold at the door, but it is advised to get tickets in advance.

Chairman Deb Martin of Hatfield notes that take-out orders will also be available at the supper. The popular red meat sale will again be a feature at the dinner.

Proceeds benefit the Montgomery County 4-H Livestock Program and 4-H Center. The event is sponsored by the 4-H Livestock Club and the 4-H Cabinet Advisory Board.

Planning details for the upcoming 4-H Roast Beef Supper to be held Feb. 4th at the North Penn High School are (left to right), 4-H Livestock Club Leader Deb Martin, Hatfield; 4-H Advisory Board Members Tom Oeste, Norristown, and Georgette Koehler, Souderton.

Food Essay Contest Sponsored

LANCASTER — "Food: America's Growth Industry" is the theme of a nationwide essay contest sponsored by the U.S. Department of Agriculture and the Cooperative Extension Service.

Participants, who must be between 13 and 18 as of the Feb. 1 deadline, may discuss any phase of the American food industry including production, processing, distribution, and marketing. Essays are limited to 500 words.

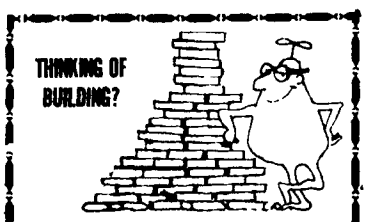
The contest is designed to encourage creative writing and make young people more aware of the vital relationship between American agriculture and the well-being of the nation's people. Without consumers, farmers would be out of business. Without farmers, consumers couldn't survive.

Agriculture is the nation's largest employer, with 22 percent of the labor force working in some phase of the industry. American agriculture is also the world's largest commercial industry, with assets exceeding one trillion dollars.

Additional information on the agricultural industry is available from county Extension offices, Soil Conservation Service, and ASCS offices; agricultural organizations and commodity groups; libraries and teachers; health departments; food processors and distributors.

Prizes will be awarded to first place winners in three age categories: 13-14, 15-16, and 17-18. Community winners will receive certificates. Winners at the county level will win medals. State winners will be awarded plaques. National winners will win trips to Washington, D.C., where they'll be awarded prizes and trophies by the Secretary of Agriculture.

Additional information about the contest is available from county offices of the University of Delaware Cooperative Extension Service in Newark, Dover, and Georgetown. Entries must be submitted to a county Extension office by February 1, 1984.



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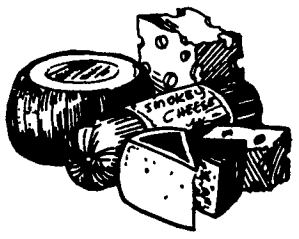
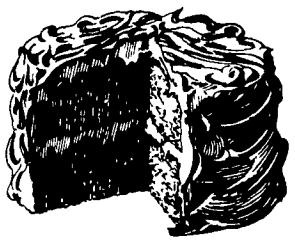


Home On The Range



Serve Sensational Snacks

As the cold, blustery weather conditions continue, you and your family may be forced to spend more time at home in the house. Why not have some tasty snacks on hand for special family gatherings?

Snacks can be made ahead of time or prepared with the help of the entire family.

The old standby snacks like cheese, cold cuts, crackers and popcorn are still sure to be winners, but why not try something new to accompany the old favorites?

HONEY SPICED NUTS

3 cups sifted confectioner's sugar
3 teaspoon ground cinnamon
1 1/2 teaspoon ground nutmeg
1 1/2 teaspoon ground allspice
1 egg white, unbeaten
2 teaspoons honey
1/8 teaspoon salt
3/4 pound pecans, almonds or walnuts

Sift sugar and spices together three times. Spread one-half of the mixture, 1/4 inch thick on baking sheet or shallow pan. Place egg white, honey and salt in bowl and beat until mixed but not foamy. Add nuts and stir until coated. Place nuts on sugar, one at a time, top side up, 1/4 inch apart. Cover evenly with remaining sugar mixture. Set pan inside another baking sheet or pan and bake in very slow oven (250 degrees) for 1 1/2 , hours. Remove nuts immediately and brush off excess sugar. Cool. Store in airtight glass jar.

POPCORN BALLS

1 cup sugar
1/2 cup white or dark corn syrup
1/4 cup butter
1/3 cup water
3/4 teaspoon salt
3/4 teaspoon vanilla
3 quarts popped corn

Keep popcorn hot in slow oven. Stir and cook sugar, corn syrup, water, butter and salt until sugar is dissolved. Continue cooking without stirring until syrup forms a soft ball in cold water. Add vanilla, pour syrup slowly over popped corn. Mix well to coat every kernel. Grease hands with butter before shaping.

Vera Martin

CHEDDAR PEANUT BALL

2 cups shredded cheddar cheese, at room temperature
1 package (3 oz.) cream cheese
2 tablespoons finely chopped red onion
1/8 teaspoon curry powder
1/2 cup chopped salted peanuts

Beat together cheddar and cream cheese until well blended. Stir in onion and curry powder. Shape to form a cheese ball. Roll in peanuts. Cover and chill to blend flavors. Serve at room temperature with assorted crackers.

The next two recipes are from B. King, Leola.

SOFT PRETZELS

2 tablespoons dry yeast
1 1/2 cups warm water
1/2 teaspoon salt
4 scant cups flour

Dissolve yeast in warm water, add salt and flour. Knead....let rise 15 minutes. Roll dough in long narrow rolls. Shape in either sticks or pretzels. Dip in soda solution or brush it on. Place on greased cookie sheet. Bake at 450 degrees for 15 to 20 minutes. Brush melted butter on pretzels when almost done. Put in broiler for a few minutes after butter is brushed on for more golden color.

Soda Solution

1/4 cup water
2 tablespoons soda

Mix and bring to boil.

FINGER SQUIGGLE

1 (6 oz.) box jello
3 envelopes knox gelatin
3 cups boiling water

Mix until dissolved. Pour into a 13X9 cake pan. Cut into squares when cooled. Cookie cutters can also be used for making shapes.

BROILER CHEESE—ONION HEARTIES

2 tablespoons butter
1 cup thinly sliced onion
1/4 teaspoon salt
3 English muffins, split, toasted, buttered or 6 slices rye toast, buttered
6 tablespoons chili sauce
6 slices cheddar cheese

Melt butter; saute onion until tender but not browned. Add salt. Spread each muffin half with one tablespoon chili sauce. Divide onion evenly among the six muffins, reserving a few for garnish. Top onion with cheese slices and garnish with reserved onion. Broil 4 to 5 inches from heat until cheese is melted and sandwiches are hot.

We've made a change, ladies. Due to increased interest in the Cook's Question Corner, it has been moved to page B8, where more space is available. That means more recipe space on B6 also. If you have a recipe you would like to share, send it to Kimberly Herr, Lancaster Farming, Box 366, Lititz, Pa. 17543.

CHEESY APPLE DIP

3/4 pound sharp cheddar cheese, finely grated
1/4 cup sour cream
1/2 cup apple juice
1 teaspoon Worcestershire sauce
1/2 teaspoon Dijon mustard
1/4 teaspoon onion powder
4 apples, cored and sliced
Spanish-style olives, sliced
pitted black olives, sliced

In food processor or food mixer, combine cheese and sour cream; mix until well blended. Add apple juice, Worcestershire, mustard and onion powder and blend until mixture is smooth. Transfer to serving dish; garnish with olives and refrigerate until serving time. Serve dip with apple slices.

CHEESE 'N CHIVE TREATS

2 cups enriched self-rising flour
2 tablespoons sugar
2 tablespoons dehydrated chives
1/4 cup shortening
1 cup (8 oz.) small curd creamed cottage cheese
1 egg, beaten
1/2 cup milk

Stir together flour, sugar and chives. Cut in shortening until mixture resembles coarse crumbs. Combine cottage cheese, egg and milk. Add to flour to make a thick batter, stirring only until flour is moistened. Drop by teaspoonfuls onto greased baking sheets. Bake in preheated 450 degree oven for 10 to 12 minutes or until done.

(Turn to Page B8)

When searching for low calorie snacks, think apples.

Recipe Topics

February	
4	Soups and Stews
11	Creative Casseroles
18	Puddings and Custards

Featured Recipes

These two featured recipes come from a woman who claims that once she gets into the kitchen she cannot get out. She loves to cook! Her name is Ethel Zimmerman. Read about her Farm Show success and her other hobbies on page B14

Sweet Potatoes Croquettes

1 10-quart kettle of sweet potatoes
3/4 cup melted butter or margarine
3 teaspoons salt
1/2 cup sugar
1/2 teaspoon pepper
1 egg, beaten
cornflake crumbs
shortening or oil

Cook potatoes, drain and peel. Mash with a fork. Add next four ingredients. Mix well and refrigerate overnight. Make croquettes, using 1/4 cup measure. Dip croquettes into beaten egg and then cornflake crumbs. Deep fry in shortening for a short time (don't let them fry too dark.) Place on cookie sheet. Heat oven to 325 degrees and heat for 20 minutes.

Pot Pie Crackers

3 cups flour
butter or lard the size of an egg
1 1/2 teaspoon baking powder
dash salt
enough sweet milk to mix ingredients

Mix and roll out like pie dough. Cut into blocks and prick with a fork. Bake at 350 degrees until they are golden brown. Cover the crackers with chicken gravy.

Ida's Notebook

Ida Risser

The house is quiet except for the ticking of the grandfather clock and the humming of the furnace in the basement. My husband has gone to a two day milking and mastitis prevention school. The snow is swirling down outside and my thoughts are dwelling on his coming home tonight as he is the milker in the family.

Yesterday I went to a Needlework Guild meeting at our church. There were only a few in attendance but we were able to complete several new garments. Naturally, conversation sprinkled throughout the day made the time pass more quickly. One lady extolled the virtues of the microwave oven. It seems that she had resisted her husband's efforts to buy one for years. When he did finally purchase one, she refused to accompany him to the store. But, now she couldn't stop telling us how wonderful it was — the delicious bacon, the good oatmeal and the special custards that she made in it.

One lady's understanding of farmers situations surprised me as she was a city dweller who had moved several times and lived in many states. However, it became apparent, that her feeling for farmers was due to the fact that she has worked for a company that prepared income tax forms. Despite the large income from milk, beef, or eggs, she was shocked to see how the expenses of feed, seed, fertilizer and machinery repairs ate into the income leaving little for the family to live on.

When lunch time rolled around, I really didn't care much for the topic of conversation — cremation. Talked over were the experiences of some members in having their parents cremated. Do you keep the ashes in an urn on the mantel, bury them in the backyard or scatter them at sea? Guess I'm old-fashioned but I think I'd prefer a regular burial. Although, it is interesting to hear what other people think about the subject.

4-H Baby Beef Club

The Franklin County 4-H Baby Beef Club had their reorganizational meeting on Jan. 19. At that time they elected new officers. They are: Club Leader - Leon Lebo, Project Leader - Steve Upperman, President - Cathy Wildeson, Vice President - Kevin Kuhns, Treasure - Greg Christman, Secretary - Molly Reichard.

Best wishes were extended to Paul Stratton, Brenton Upperman, and Rhonda Fahrney who have graduated from the club.

For some of the coming monthly meetings the club has planned a feeding program demonstration, a disection of a calf by a veterinarian, a tour of Dr. Weisenbaugh's beef farm, a fitting and showing demonstration, the Spring Preview Show, and their annual roundup and sale in October.

4-H Sheep Club

The Hunterdon County 4-H Sheep Club met at the Jones home in Lebanon Township during January. Two presentations were given. Michelle Fugazzi discussed Prolapse with the group. Genetics Selection was the topic covered by Debbie Gengler. Ideas on lambing were shared by members during the meeting. The club will visit Somerville Sheep Farms in March.

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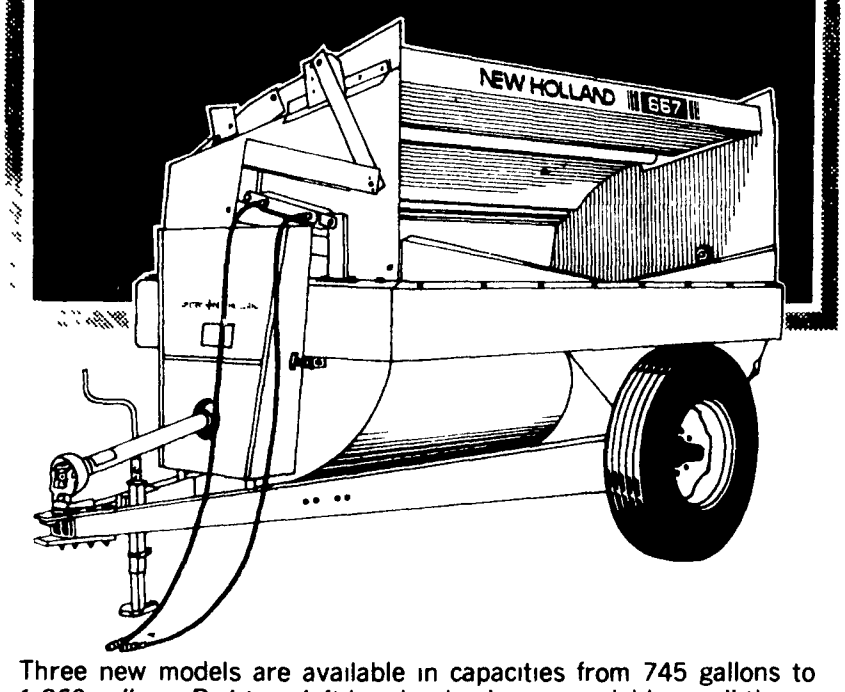

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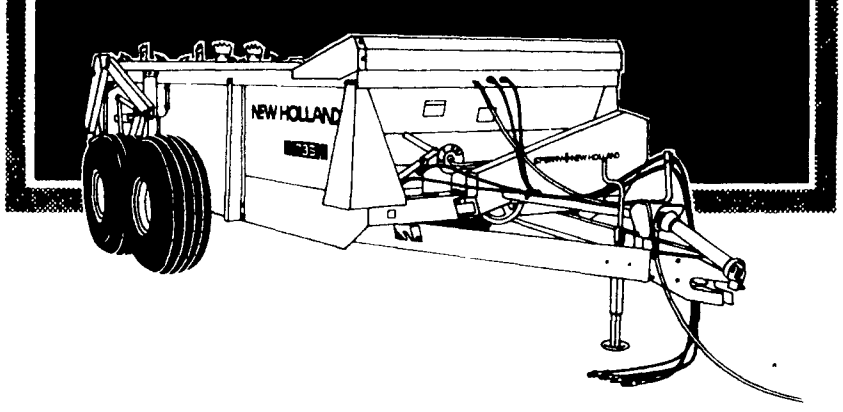

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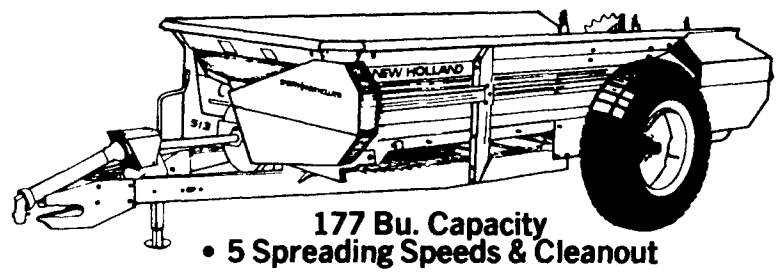

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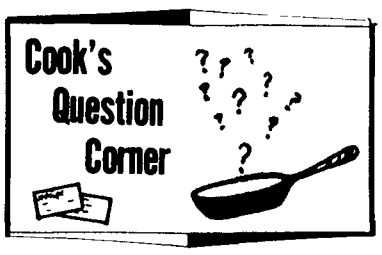

EDITOR'S NOTE: Due to an increased interest in Cook's Question Corner, it is being moved off the Home on the Range page and onto B8. This way, we can run more recipes on B6 and still have extra room for your questions and answers. Keep the questions and recipes coming!

QUESTION - I am looking for a recipe for homemade butter and homemade chocolate candy.

Karen Moyer
Portage R1

QUESTION - I am trying to locate a recipe for a dessert called strawberry or pineapple delite. It is made something like an unbaked cheesecake type dessert and has a bottom layer of a fruit filling like pie filling and a top layer of cream cheese mixture. Can anyone give me the recipe?

Mrs. Debra Shultz
Halifax

QUESTION - I would like to have a recipe for Long Johns.

Ada Nolt
Peach Bottom

QUESTION - I would like to have a bagel recipe. Can anyone help me?

Mrs. King
Leola

QUESTION - I would like a re[illegible] for graham cracker fudge made with peanut butter chips, as I cannot eat chocolate. Does anyone have one?

Blanche Hess
Quarryville

Sensational Snacks

(Continued from Page B6)

DUTCH APPLE SLICES

1/4 cup butter
1 1/2 cups all-purpose flour
2 teaspoons baking powder
1/2 teaspoon salt
1/3 cup milk
1 egg, beaten
6 large tart cooking apples, peeled, sliced
1/2 cup butter, melted
1 cup sugar
1/2 teaspoon nutmeg
1/2 teaspoon cinnamon

Cut butter into combined flour, baking powder and salt until mixture resembles coarse crumbs. Stir combined milk and egg into flour mixture. Dough will be stiff. Roll dough on lightly floured surface into a 14 x 10-inch rectangle. Place dough in buttered 13 x 9-inch baking pan, forming 1/2-inch rim on sides of pan. Press apples into dough. Bake at 425 degrees for 25 minutes. Reduce oven temperature to 350 degrees. Combine 1/2 cup butter, sugar, nutmeg and cinnamon. Sprinkle over apples. Bake at 350 degrees for 20 minutes. Cool; cut into rectangles.

MUSHROOM YUMMIES

fresh mushrooms, medium or large
1/2 pound ham salad
paprika or chopped parsley
lettuce leaves
fresh lemon juice, optional

Remove stems and clean mushrooms. Sprinkle with lemon juice and stuff with the ham salad. Garnish with either the paprika or parsley. Serve on crips lettuce leaves. Serve with favorite cheese and crackers.

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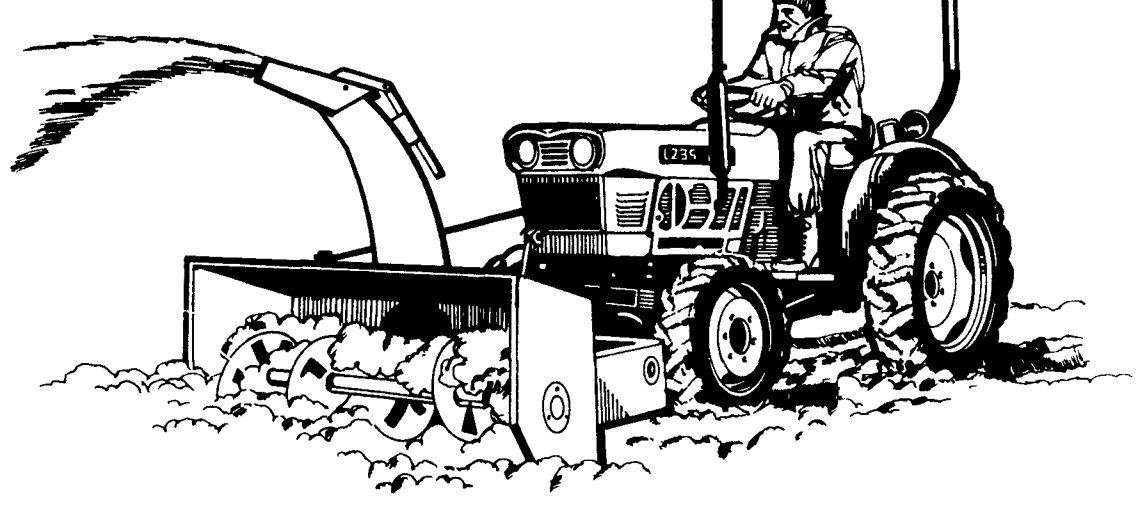
DASHING THROUGH THE SNOW.



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Smart When are Irish potatoes not really from Ireland?

Smarter When they're french fries.

Dumb Where are you most likely to find chili beans?

Dumber At the North Pole?

New Holland Beef Club

The New Holland 4-H Beef Club held its first meeting of 1984 at Terre Hill Silo Company with 17 members present.

Election of officers was the agenda for the evening. Officers are as follows: President, Emily Weaver, Ephrata; Vice-President, Fred Weaver, Ephrata; Secretary, Krista Yost, Leola; Treasurer, Jodie Weaver, New Holland; Song Leader, Kim Martin, East Earl; Song Leader, Andrea Yost, Leola; Social Chairman, Troy Leid, Denver; Game Leader, Chad Brubaker, Ephrata; News Reporter, Kristin Chupp, New Holland.

The Club Leaders also gave their reports.

The next meeting will feature Mike Phautz from Denver who spent three months in Japan. It will be held on Feb. 21 at 7:30 p.m. at the Terre Hill Silo Company.

What Begins with 'S'?

ANSWERS

1.) SNOW SHOES. 2.) SLED. 3.) SCARF. 4.) SILO
5.) SNOWMAN. 6.) STOCKING CAP. 7.) SHOVEL
8.) SNOW 9.) SKIS 10.) SUN.

COLOR THIS!

1.	PEACH	6.	ORANGE
2.	RED	7.	GREEN
3.	YELLOW	8.	LT BROWN
4.	LT PURPLE	9.	PURPLE
5.	BROWN	10.	LT. GREEN

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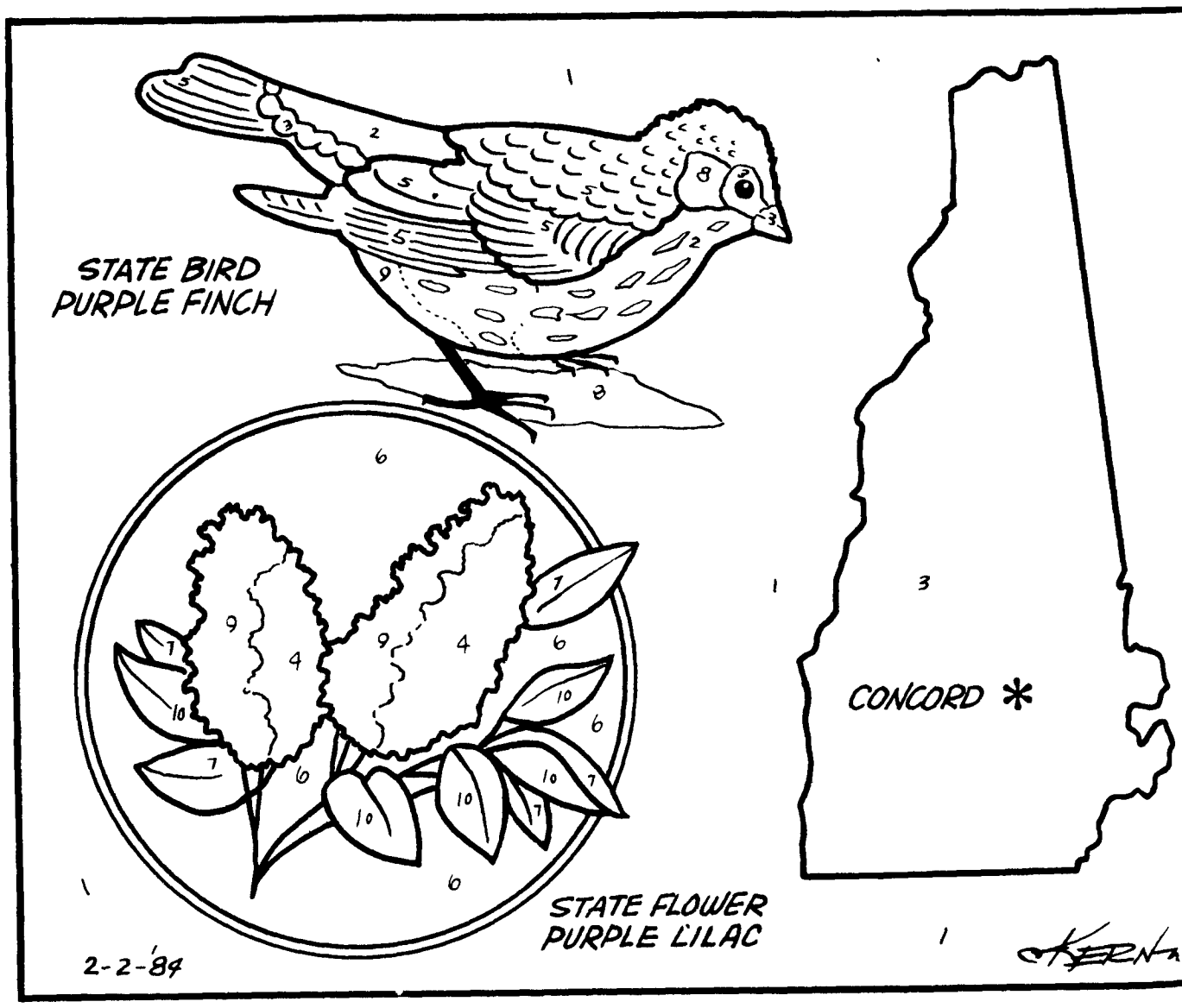
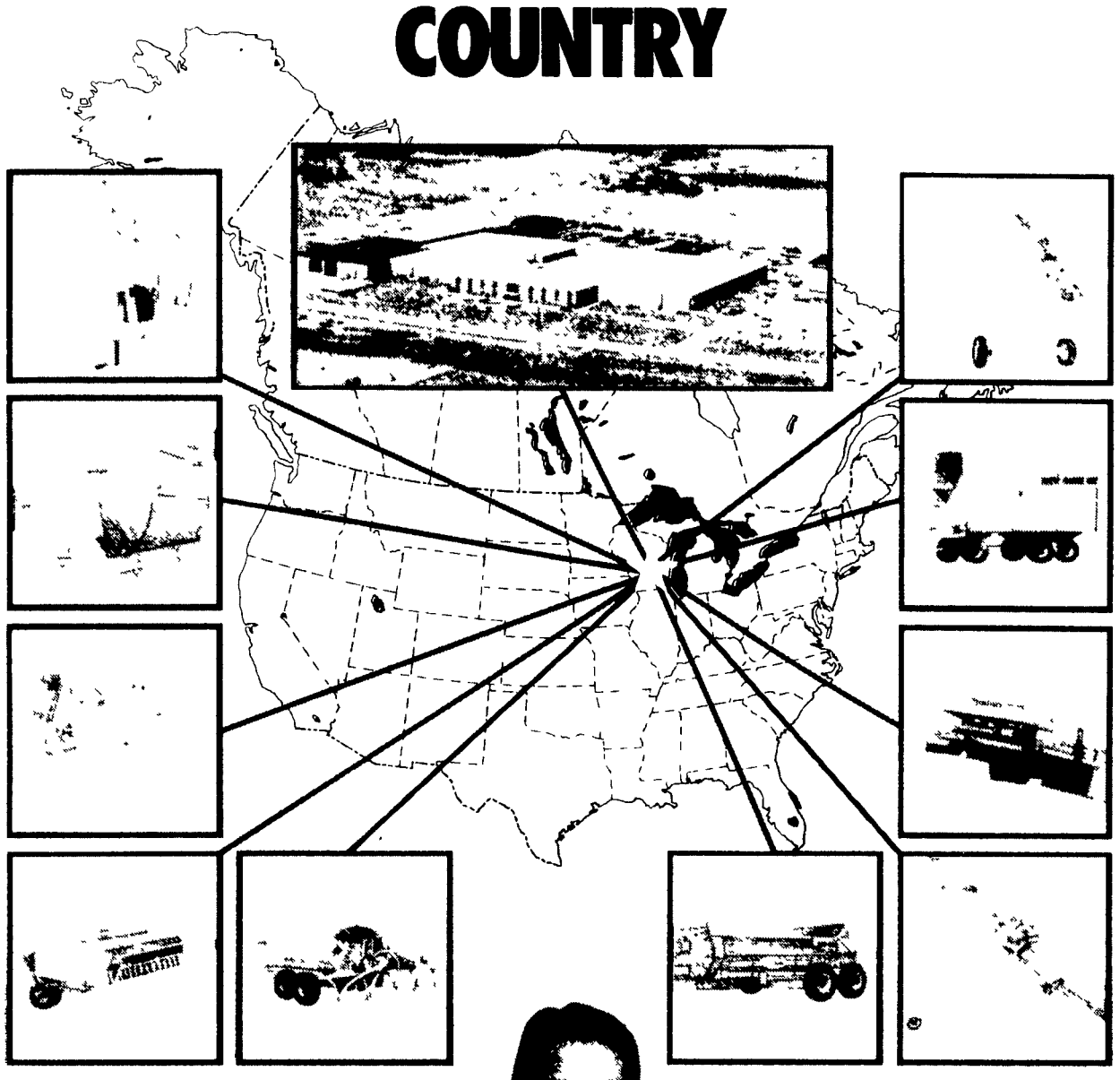


Badger

BADGER NORTHLAND COUNTRY



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Farm Women Societies

Lancaster Society 2

Lancaster Society 2 held their January meeting at the home of Mrs. Paul Farrel, Manheim.

A money donation was presented to the Jay Witmer family, who suffered fire damage to their home. Mae Hosler invited ladies to visit her and help make bed pads for a local rest home.

The next meeting will be at the home of Mrs. Layser Shenk.

Lancaster Society 3

Mrs. Mildred Pfautz was hostess for the January meeting of Lancaster Society 3.

Officers for 1984 are President, Doris Miller; Vice President, Barbara Stauffer; Secretary, Cheryl Lawrence; Corresponding Secretary, Linda Toledo; Treasurer, Sara Stober.

It was decided to donate $50 to Easter Seals and a memorial service was held for Mary Royer. Entertainment was provided by Alice Leininger and son, Joshua, who sang.

The February meeting will be at the home of Barbara Wenger. Trooper Romaine Edwards will give a program on "Lady Beware."

Lancaster Society 7

Lancaster Society 7 held their January meeting in the social room at the Kinzer Firehall. Household hints were given by Averell Lichty.

It was announced that the Spring Rally will be held May 29th at Hershey. Jane Brackbill was reinstated as a Society member.

Edna Jean Homsher spoke on her hair dressing experiences and gave some grooming tips.

Lancaster Society 21

Lancaster Society 21 met at the home of Anne Steinburg in Quarryville.

President Linda Kreider, Alice Ressel, Lois Aument and Hazel Aument gave a report on the State Convention.

The February meeting will take place at Alice Ressel's home.

Lancaster Society 22

Lancaster Society 22 met recently at the home of Vi Weller for a program on health, given by Joyce Wenger, R.N. in the intensive care units for heart patients at the Lancaster General Hospital.

The next meeting will take place Feb. 14 at the home of Nancy Witmer.

Lancaster Society 27

Lancaster Society 27 met Jan. 17 at the home of Mrs. John Wolgemuth, Mount Joy R2.

Craft workshops for the evening were stencil painting by Gladys Shearer, and Band Boxes, by Thelma Wolgemuth.

The Feb. 21 meeting will be a "Health Night," featuring Pam Brubaker, a public health nurse, and Brenda Hershey, a dental hygenist.

Lancaster Society 34

Lancaster Society 34 met recently at the home of Joyce Holloway.

The Decorama will be March 26 at the Robert Fulton Inn from 10 a.m. to 8:30 p.m.

The $.05 tasters delight was enjoyed by all. The chance was won by Carol Byers.

The next meeting will be Feb. 20 at the home of LaVonne Clark. The program will be Show and Tell.

Berks Society 1

Berks Society 1 met recently at the home of Donna Hetrick, Oley. The program was Daniel Christ, Oley, who spoke on the hidden and sometimes forgotten details about a funeral.

Thank you notes were read from recipients of gifts at Christmas of fruit baskets and poinsettia plants.

The next meeting will be a luncheon at 11:30 a.m. at the Oley Legion Diner. All members are asked to bring a Valentine with them or send one along for your secret pal.

Berks Society 6

Berks Society 6 met recently in the home of Mary Youse, Oley R2.

Coupons were exchanged and the by-laws were read by President Mrs. Roger Wagner.

A Valentine party will be held Feb. 21 at the nome of Mrs. Roger Wagner.

Offer Calcium

Dairy foods provide approximately three-quarters of the calcium available in the American diet. To obtain the calcium equivalent of a glass of milk (8 oz.), you can substitute 1½ oz of cheese (Cheddar, Monterey Jack, Swiss, Mozzarella) or 1 cup yogurt (flavored or unflavored) or 1¾ cups ice cream or 2 cups cottage cheese. Calcium is an essential mineral needed throughout life.

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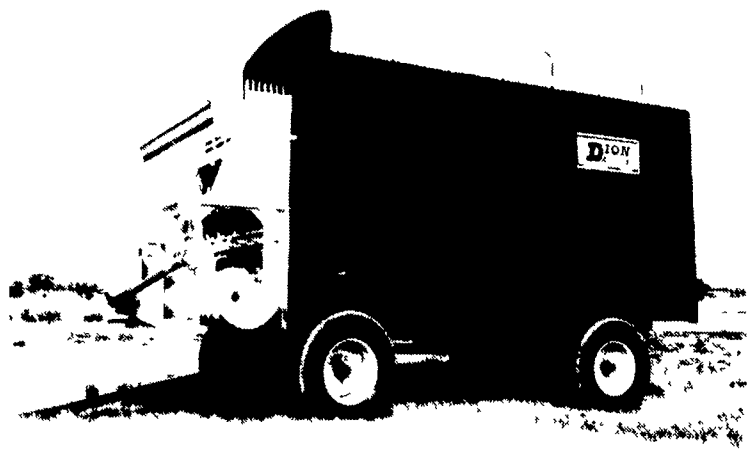

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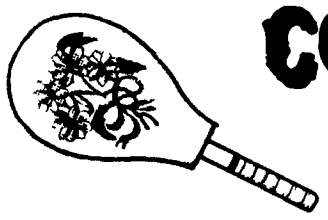


Have a heart

A heart-shaped pillow is an ideal gift. It adds a cozy touch to any corner and serves as a reminder of loving thoughts all year round.

The pillow shown here is done in "chicken scratch," one of today's most popular crafts. It is available as a kit, complete with embroidery floss, needle, design chart, instructions and enough red gingham for the pillow and ruffle.

To order kit C-3110, send $10 to Ellen Appel Crafts, your newspaper's name, Box 1144, Laguna Beach, CA 92652. (California residents please add 6½ percent sales tax.) To learn more about making chicken scratch projects in different shapes and sizes, just read on.

Chicken scratch is a craft that helps you make gingham look like lace. Because the designs are solid bands of stitches, you don't have to be a stitchery expert to follow most patterns.

To make a heart or any other shape, you stitch an outline in dark floss and then fill in the shape with white stitches. The gingham boxes help keep stitches even and patterns symmetrical.

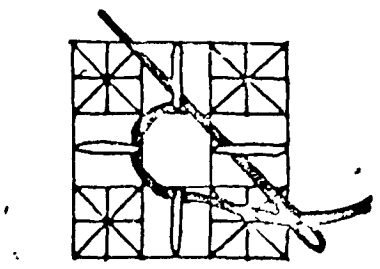
If you can make a cross-stitch, you can learn chicken scratch stitches. The "smyrna cross," or double cross-stitch, is the basic stitch. Ordinary stitches and circles fill in the remaining spaces.

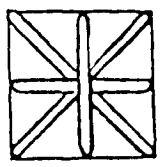
Whether you make a heart, another shape or simpel border, you'll find chicken scratch fast and easy to do.

Here are directions for making chicken scratch shapes:

MATERIALS: Gingham fabric; white and dark-colored floss; needle; graph paper and pencil, or chicken scratch chart. Optional: embroidery hoop.

DRAWING YOUR OWN DESIGN: Note: Skip this paragraph if you have a chicken scratch chart. 1. Think of the graph paper as the squares in your gingham fabric. 2. Mark squares in your graph to correspond with the white squares in the gingham. 3. Draw a heart or other shape by connecting the white squares. 4. Locate and mark the center of your design.



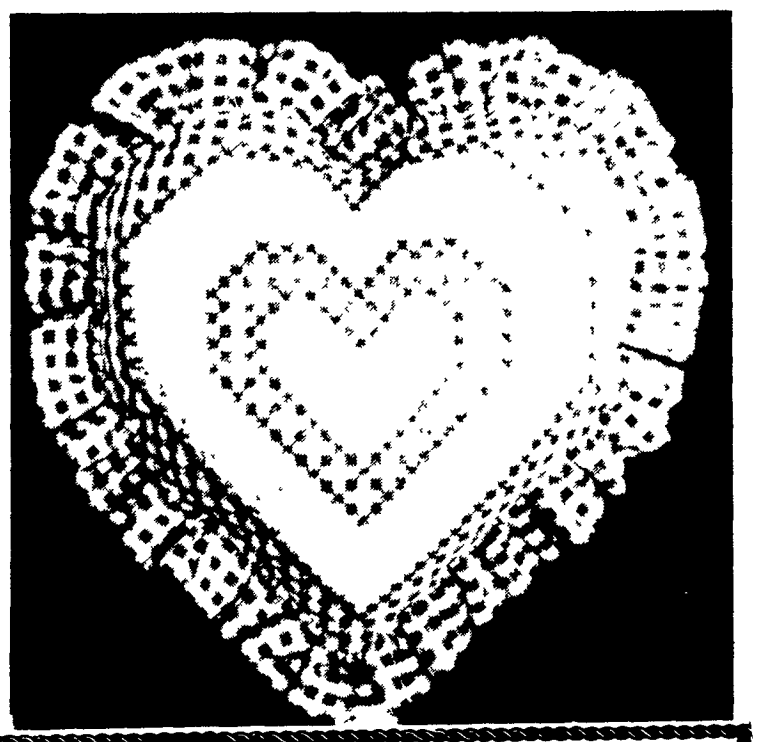


STITCHING THE DESIGN: 1. Find the center of your fabric. 2. Count squares to find the starting point of your design. 3. Position fabric in hoop. 4. Thread needle with three strands of dark floss. 5. Following your chart, make a double cross-stitch on each white square in your outline.

DOUBLE CROSS-STITCH: 1. Make a cross-stitch as usual on the gingham square. 2. Take a vertical stitch over the cross-stitch. 3. Take a horizontal stitch over the cross-stitch (a).

FILLING IN THE DESIGN: 1. Thread needle with three stands of white floss. 2. Make a double cross-stitch on each dark square inside the outlined shape. 3. Working across, sew a horizontal stitch between all the white squares. 4. Working up and down, sew a vertical stitch between all the white squares.

5. Stitch circles on the white squares by passing the needle under vertical and horizontal stitches (b). 6. Repeat if desired for a thicker circle.



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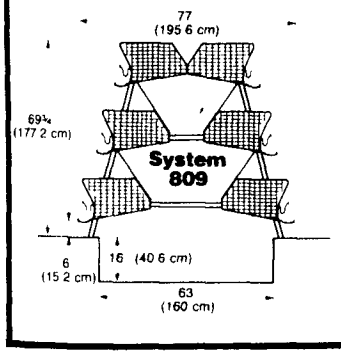

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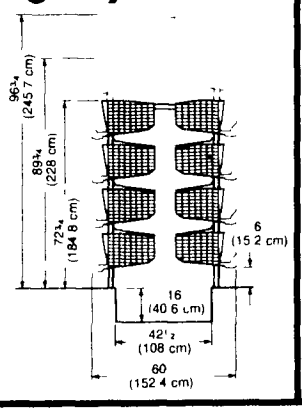

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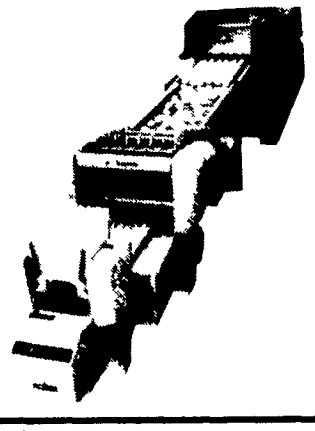

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Canning is Career and Hobby for Ethel

KIMBERLY HERR

LANCASTER — She was up to her elbows in flour and the mouthwatering smell of freshly baked blackberry and mincemeat pies was wafting through the kitchen.

"I get in the kitchen and never get out," laughed Ethel Zimmerman, 2005 Marietta Avenue.

But sometimes it pays to stay in the kitchen as Ethel has been proving since she began taking her canned goods to the Farm Show in 1969.

"I just did it to see if I could get any ribbons," Ethel chuckled.

And ribbons she got. This year, she brought home nine ribbons. She entered her light and dark cherries, red beets, corn, carrots, peas, raspberries and blackberries. This year, she took 23 jars to the Farm Show. Normally, she takes about 36, but due to some knee surgery last winter, she was unable to can as much this year.

In addition to competing at the Farm Show, she also enters her food at the West Lampeter Fair and the Manheim Fair. The ribbons proclaiming her honors hang in her kitchen.

What's Ethel's secret to winning?

"The secret is everything is clear and how much liquid is in the jar," Ethel explained, adding that the liquid in the jar cannot be any lower than 2 inches from the neck of the jar.

"You always learn something new no matter how old you," Ethel said, crediting much of what she has learned to Doris Thomas, Lancaster County Extension home economist. "She has done quite a bit for me."

Ethel's years of experience have also helped in her canning abilities.

"I've been canning since I was a girl," Ethel said. She remembered that the first thing she canned as a girl of 10 or 12 years old was peaches. Later, she learned to can green beans.

In addition to her years of canning, Ethel has also had a stand at Rutt's Market for almost 30 years. She sells Pennsylvania Dutch gifts, cookbooks, sun bonnets, aprons and, of course, some of her canned goods, such as chow chow, cabbage peppers, corn relish and pepper relish and watermelon rinds. According to Ethel, the chow chow is the biggest seller.

Most of Ethel's canning is done in a second kitchen located in her basement. It is here that she also measures out buckwheat and corn meal for her market customers. She also makes corn meal mush and grinds her own horseradish.

Ethel can remember years when she canned 124 cases, with 24 jars in a case, of stuffed peppers. According to her husband, Henry, they used to purchase 1100 cases of jars at a time.

Being self-employed for 30 years is a big step for a girl who grew up on a Lancaster County farm, did not like her first job away from home and came back to the farm to help her mother make butter and cheese.

"I still get homesick for out there," Ethel said. "You are not pushed like you are other places, but I didn't like to milk. I was always afraid of the cows."

But Ethel has come along way from the day she left her first job and now that canning has brought her success, she has plans to use that success to start another hobby. She is planning on taking the ribbons that she has won over the years and making them into a quilt.

She began making quilts about a year ago when Mrs. Dora Brubaker, a friend of Ethel's, volunteered to teach her how to make quilts.

"Every step she came and helped me," Ethel said.

Due to some problems with her arms, Ethel is unable to quilt the material after she has it sewn, but that is no problem as the women at the East Petersburg Mennonite Church quilt it for her.

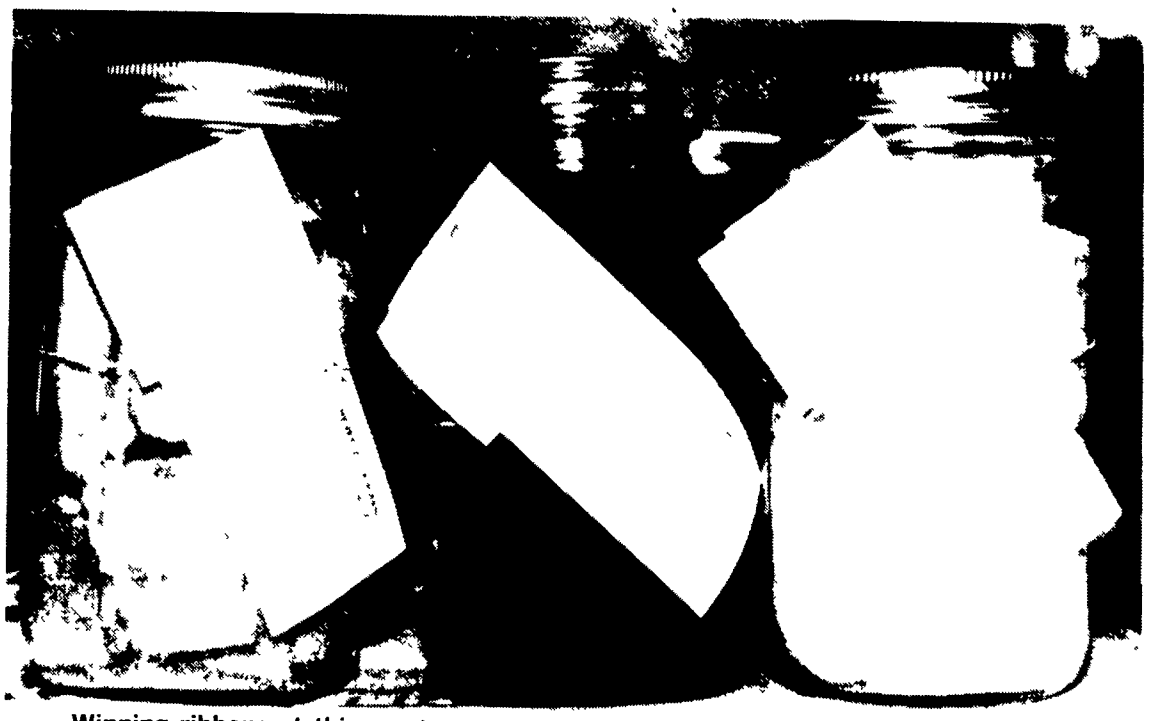
She has finished one quilt which was done in the Lancaster County rose pattern. That one was given to her son and his wife, Robert and Arlene. She is now working on another Lancaster County rose quilt which will go to her other son, Kenneth, and his wife, Shirley. Ethel's only grandson, Scott, also has a quilt coming his way as soon as she gets around to it.

When she is not cooking or quilting, Ethel can be found in her upstairs sewing room, which is piled high with material and two sewing machines. Here is where Ethel makes the many sun bonnets that she sells at Rutt's.

"Bored?" said Ethel, "I don't know the meaning of the word."

And it seems as though Ethel's life is not going to get any less interesting, as she and her husband are planning a trip to Mexico to celebrate their 43rd wedding anniversary.

Ethel Zimmerman has been winning ribbons for her canned goods at the Farm Show for years. She also sells them on her stand at Rutt's Market. Here, she is preparing a box of her canned goods to be taken with her to market.



Winning ribbons at this year's Farm Show were Ethel's canned beef, cherries and pork.

Corn meal and buckwheat are also big sellers at Ethel's market stand. Here, she measures out bags of both to be sold later. Ethel does much of her work in a kitchen in her basement.

When not canning or cooking, Ethel is busy sewing sun bonnets, which she also sells at her market stand.

These quilt squares in the Lancaster County rose pattern represent another one of Ethel's hobbies, quilting.

F.W.S. Calendar

Saturday, Feb. 4
Lancaster Society 6 meets at the home of Eva Parrett for reports on state convention and to make valentines for meals on wheels.

EDITOR'S NOTE
If you wish to have your Society's meetings published in the Farm Women Calendar, please send me a copy of your calendar. They can be mailed to Kimberly Herr, Lancaster Farming, P.O. Box 366, Lititz, Pa. 17543.

Pomona Grange 71

Lancaster Co. Pomona Grange No. 71 held their regular meeting recently at Shady Maple.

The following officers were installed for a two year term: Clifford Holloway Jr., Master; Leroy Welk, Overseer; Dorothy Berry, Lecturer; Harry Baker, Steward; Kenneth Myer, Assistant Steward; Tracey McCoy, Lady Assistant Steward; Joseph Hess, Chaplain; Charles McSparran, Treasurer; Ione Miller, Secretary; Robert Coates, Gatekeeper; Betty Wise, Ceres; Dorothy Stauffer, Pomona and Marian Holloway, Flora. Also for three year terms were: David Shearer, executive committee member; and Thomas Galbreath, finance committee member.

On Feb. 1 State Grange officials are holding a county meeting for Grange leaders and others interested in the Grange when two newly organized Granges will be honored. Reservations must be made through the Pomona Master. The meeting will be held at 7 p.m. at the Willow Street Restaurant. On Feb. 4 Fulton Grange dinner theatre at 7 p.m. at the Grange Hall in Oakryn. Reservations must be made through Mrs. Aldus Martin.

Udder Joy Kids

The Udder Joy Kids 4-H Goat club met recently in Baptistown. Members baked cookies and sang Christmas carols for the Stone Arch Nursing Home residents. Members will set up a Window Display for the County contest in May.

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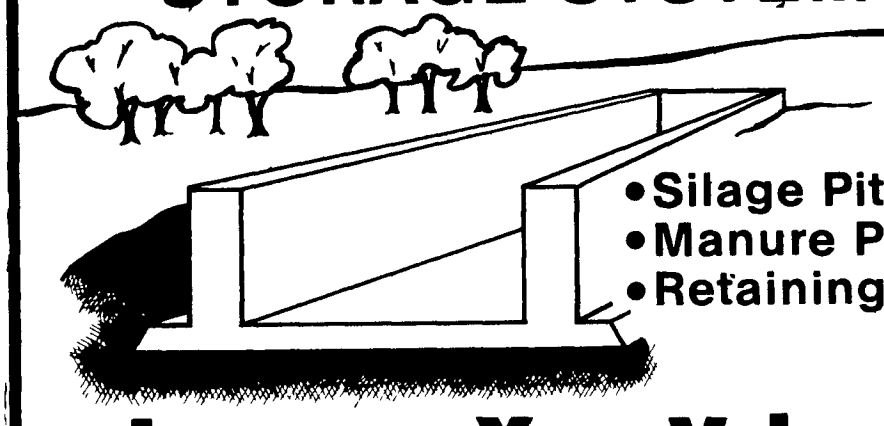

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Pennsylvanians celebrate with a feast

BY KIMBERLY HERR

CAMP HILL — Chicken wing dings, breaded mushrooms, cheese and crackers, catfish spread - that was just the beginning.

Cheese baked potatoes, pork chops, roast beef, creamed onions, baked corn, green beans and rolls were just a few of the items on the main course table, which was adjacent to the dessert table, laden with pie, ice cream, apple dumplings and apricots.

Ice cold milk and red and white wine and coffee complimented the dinner. All of the food, with the exception of the coffee were homegrown Pennsylvania products.

Why all the food?

It was a night to rejoice in Pennsylvania products, a night to be proud to have a hand in producing the bounty that fed more than 400 people in attendance.

It was the Keystone Cornucopia, sponsored by the Pennsylvania State Council of Farm Organizations, which is made up of more than 60 farm and agribusiness associations and groups.

Held at the Penn Harris Motor Inn, Camp Hill, Monday, the dinner and business meeting, held earlier in the day, provided an opportunity for agricultural leaders from across the state to meet and discuss issues of concern to all. Also in attendance were about 30 members of the Pennsylvania House of Representatives and a few Pennsylvania senators. Several commodity queens were also on hand.

"It is a great evening when we can pay tribute to our Pennsylvania agriculture," Pa. Secretary of Agriculture Penrose Hallowell said. "This evening pays tribute to the strength and diversity of our agriculture."

John Hoffman, president of the Council, reminded the audience that it takes 23 million workers to move agriculture products in the economy. He also thanked everyone for the kindess and help shown during the Avian influenza crisis.

And then it was time for "Ohio's Farmer Philosopher" Henry Schriver, the entertainment for the evening.

A farmer, 4-H leader, father of 11 children and former member of the Ohio General Assembly, Schriver has made more than 2,000 speeches all across America.

"About the only thing I can say about the meal is Wow! Don't you wish you had four stomachs like a cow?" exclaimed Shriver, who entertained the crowd by speaking almost entirely in verse.

He talked of everything from farming to families to being a neighbor. He even talked about being a grandfather.

"A grandfather, there's a pleasant task, give them everything they ask - then send them home," he laughed.

On a more serious note, Schriver said, "I'm proud of what we as farmers have been able to do. I'm proud to be one of those farmers that can feed himself and, right here in America, another 60 people."

He also offered some advice, "Do your work in season, have time to be a neighbor and have some family fun. Worry never drove a cloud away and worry never made a sunny day."

In closing, Schriver reminded his audience to continue to have faith, hope and love. "Those are the abiding things," he said.

Penrose Hallowell, Pa. Secretary of Agriculture, chats with some guests during the Keystone Cornucopia Monday night at the Penn Harris Motor Inn, Camp Hill, Dauphin County. "Everything we ate tonight has grown in Pennsylvania," Hallowell said.

Mr. and Mrs. John Hoffman enjoy the entertaining message of Henry Schriver, "Ohio's Farmer Philosopher."

With all the food on hand at Monday's banquet, it was hard to decide what to eat. One of the favorites seemed to be the roast beef one of the cooks is carving above.

Ice cream, apricots, pie and apple dumplings were featured on the dessert table. Above, guests select their choice for dessert.

Poultry Club Holds Turkey Sale

The Penn State Poultry Science Club conducted a turkey sale as a club project. The Club gave a complimentary turkey to Dr. Samuel Smith, Dean of the College of Agriculture.

From left to right: Dr. Forest Muir, Dr. Owen Keene, Dr. Smith, Julia Melhorn, June Ferry (Club President), Leonard Payne, Anthony Pisano, Frank Schell.

Prepare to Save the Nutrients

LANCASTER — Suppose you are preparing a well-balanced evening meal — roast beef, tossed green salad, mashed potatoes, and mixed vegetables. To save time, you peeled and sliced all the salad vegetables in the morning before leaving for work. You removed the outer leaves on the lettuce and soaked the remaining leaves in iced water to retain crispness. You also took the roast out of the freezer in the morning and put it on the counter to thaw.

That evening you peeled and boiled the potatoes. After thawing the frozen mixed vegetables, you boiled and drained them in preparation for serving. The scene is complete. Just as your family was clamoring for dinner, you got everything on the table — everything that is, except all the important nutrients that were washed, peeled, soaked, thawed, and boiled away as you prepared dinner, says Greta C. Vairo, Extension home economist.

With the whole month of March set aside as National Nutrition Time, you might want to set aside some of your time to consider how you can serve more nutritious meals without even changing your meal planning. Extension nutritionists from Penn State say you can retain vital nutrients and minerals by:

— scrubbing (not peeling) vegetables

— slicing vegetables just before serving

— not soaking vegetables in water

— cooking potatoes in the skin; just scrubbing them prior to boiling

— cooking frozen vegetables without first thawing them

— steaming vegetables (not just boiling them)

— saving vegetable water and using it as a stock in soups and gravies.

Include these methods in your meal preparation routine and guarantee yor family well-balanced meals from start to finish.

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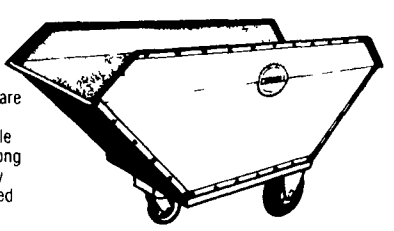

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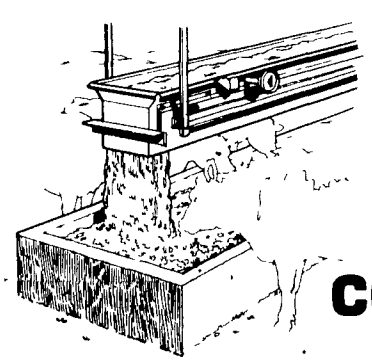

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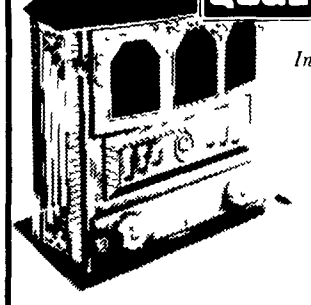

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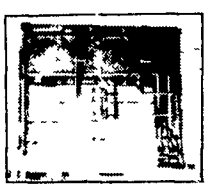

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Dave Weaver, owner, and Jim Gingrich, Meats Supervisor, stand behind their prize winning purchase, "Carlisle" and his exhibitor, Kenianne Rarick. This steer was named Reserve Grand Champion Middleweight at the Farm Show and was the first time in 25 years that a Berks County steer did this well.

Steers Parade at Weavers Farm Market

BY ROBIN PHILLIPS
Staff Correspondent

SINKING SPRING — Everyone realizes that Farm Show steers end up in a meat case or freezer. But several Berks County youth took this one step further. They paraded their prime beef before the patrons of the buyer as they delivered their steers to the front door of his market.

Weavers Farm Market, Rt. 422, Sinking Spring, purchased all four of the Berks County entries at the Farm Show. The market, owned by David Weaver and family, has supported Berks County-4H throughout the year. This was the first year, however, that Farm Show beef was purchased.

"We did it this year to support the Berks County 4-H projects," Weaver stated.

He confessed to driving out to Harrisburg after hearing that the Rarick steer from R2, Reading, had placed high and he sought to purchase that one. When he saw the other Berks County animals, he could not resist and successfully bid for all four.

"We're glad to support it," Weaver stated. "I think at these sales there's not enough support for 4-H. It's a good opportunity for businesses."

The purchase of these animals climaxed a year of enthusiastic and active support for Berks County 4-H by Weaver. In September he was the contending bidder on that record $7.50 per pound lamb sold at the Berks County roundup. He was also the purchaser of the grand champion hog at the Berks County Swine Roundup. "It lends itself well to our image as a farm market," Weaver stated. He also said that he appreciates the advertising and extra publicity he can utilize by buying the top quality products of hardworking 4-H'ers. He stated that such a good organization like 4-H should be supported by all businesses.

As a way of thanking such a staunch supporter of their sales, the Berks County 4-H Beef Club leaders and members organized this trip to the market. Kenneth and Roseanne Rarick, R2, Reading, housed the four steers after the Farm Show until the planned delivery on January 21st, the Ricks' trucked the animals to the marketplace just west of Sinking Spring. There they were met by the other members and leaders and a small display was set up in front of the store. The four Chianina crossbred steers attracted much attention as many shoppers stopped to view the well groomed "steaks on the hoof."

The four proud Farm Show exhibitors from Berks County were: Kenianne Rarick, R2, Reading; Greg Zook, R1, Oley; Carol Strause, R2, Hamburg; and Melanie Adamski, Pottstown. This promotional effort ended their many hours of preparing their animals for the Farm Show exhibition and sale.

History was made by Kenianne

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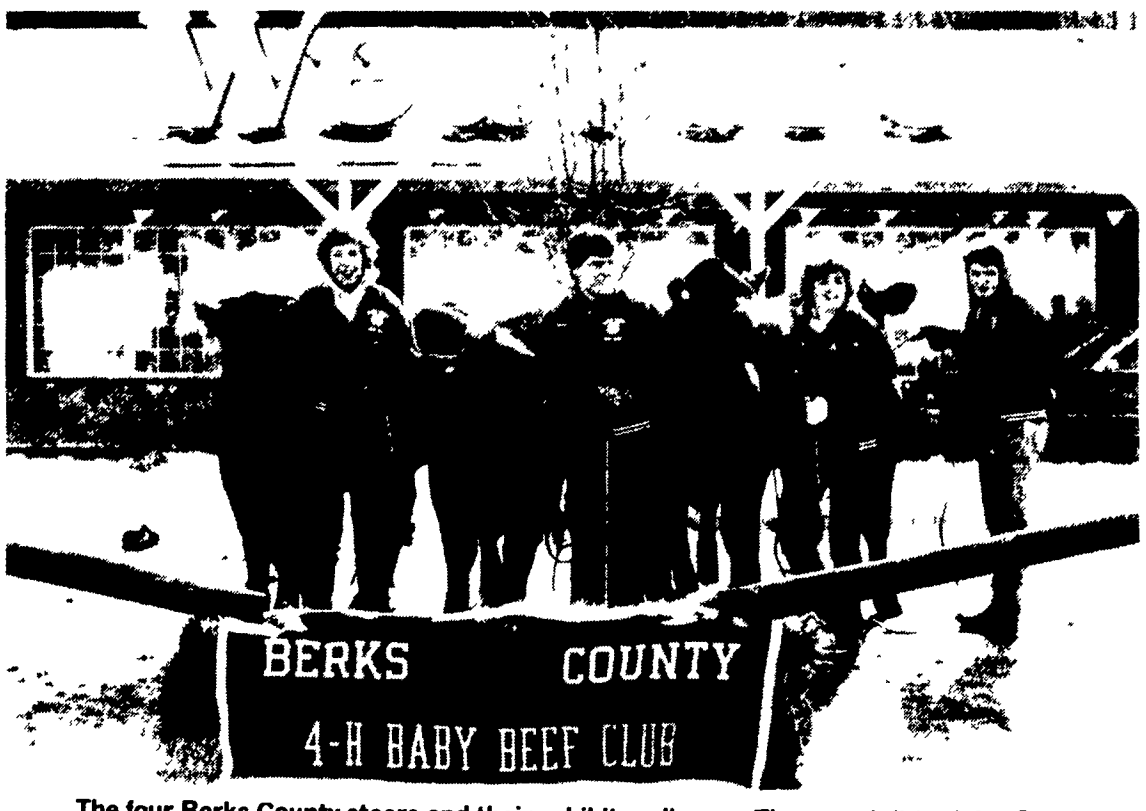

The four Berks County steers and their exhibitors line up. They are, left to right, Carol Strause, Greg Zook, Melanie Adamski, and Kenianne Rarick.

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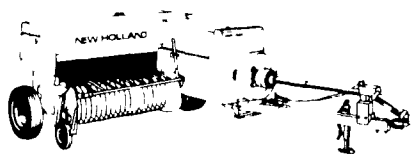

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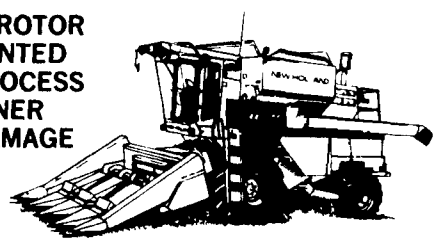

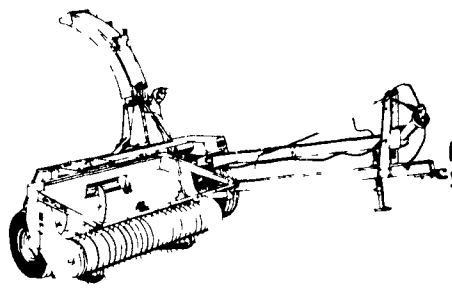

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Steers Parade

(Continued from Page B18)

Rarick as her steer, Carlisle, received the reserve grand champion middleweight title. Her placing was the first time in over 25 years that a Berks County 4-H member has placed a steer in the top eight during the Farm Show.

Kenianne and her Angus-Chianina crossbred were working together thoughout the year. At the Chianina Field Day in August, "Carlisle" placed sixth in his class. At the Keystone International Livestock Exposition he placed second.

"So you can tell, he kept getting better and better," Mrs. Rarick stated. "We changed our feed ration to feed him, "I think feeding's half the job."

"She kept telling us she was going to win, but we didn't believe her," Mrs. Rarick said.

"He was finished just right," the five year veteran of the Farm Show admitted. "I knew he was good. He would please the judge, the butcher, and the individual," Kenianne explained. The 16-year-old 4-H'er said the judge thought he was a "very economical steer, right in the muscle pattern."

Kenianne received $1.01 per pound for "Carlisle" after they placed 6th overall out of 107 entries.

The other Berks Countians also received above market price for their animals. Carol Strause, daughter of Harold and Marie Strause, received 88 cents for "Max" who placed sixth in his class. "He was over finished," 19-year-old Carol stated. This was Carol's last year of her six year Farm Show career and she was glad to be part of this promotion.

Greg Zook and "Tut" also placed sixth in their class. This marked Greg's second year at the Farm Show. "I fed him too good, he got a little over finished," Greg explained. Greg received 81 cents per pound for his 1215-pound steer.

First year exhibitor, Melanie Adamski, enjoyed it all and is looking forward to next year. Placing fifth with "Mr. T," 16 year old Melanie stated that she already bought another calf for the showring. Melanie received 84 cents for her 1255-pounds steer from Weavers.

"The competition was really good," Shirley Stricker, one of the leaders exclaimed. She was proud of the club's high placings this year and enjoys the participation of the youth in the showring and club activities.

When the steers were on their way to a local butcher to prepare them for their debut in Weavers meat case, the 4-H'ers and parents again thanked Dave Weaver for his support. "We're going back again," Weaver replied. "I think every market that sells beef, poultry, or pork should be there."

Pa. Celebrates Meat Week

HARRISBURG — The week-long celebration of Pennsylvania Meat Week provides the meat industry an opportunity to salute the more than 200 million American consumers who have long recognized meat's important role in the diet.

According to State Agriculture Secretary Penrose Hallowell, fresh meat has always been the cornerstone of the traditional American meal. Variety, convenience and economy of processed meats have made them an important part of most American's contemporary lifestyles.

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Meat can be prepared hundreds of ways, adding excitement to a meal. Any meat, including less tender cuts can be made tender, juicy and flavorful delights by simply using the proper cooking method.

"Buying locally grown Pennsylvania beef, pork, lamb and veal helps strengthen out economy, and puts a fresher product on you table," says Hallowell.

For a free copy of PENNSYLVANIA MEAT-WISE GUIDE, a handy color kitchen cabinet guide to help you with daily meal planning, write to MEAT GUIDE, Pa. Meat Marketing Program, Pa. Dept. of Agriculture, 2301 N. Cameron St., Harrisburg, PA 17110.

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(Turn to Page B21)

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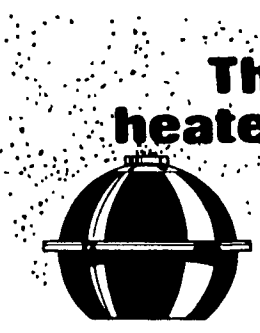

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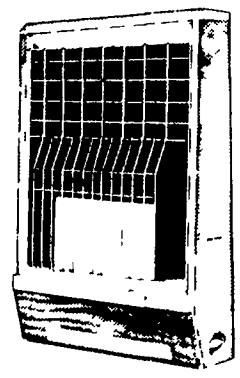

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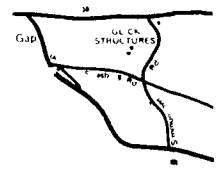

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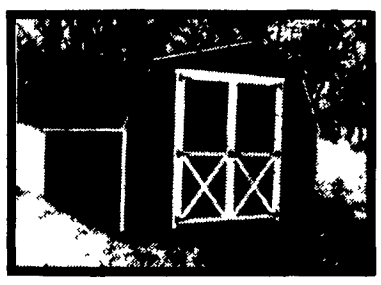

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8x12	$480	12x14	$750	12x28	$1270
8x14	$520	12x16	$810	14x24	$1545
				14x28	$1895

Meat Week

(Continued from Page B20)

Place eggplant, onion and tomatoes on piece of aluminum foil large enough to fold around the vegetables and seal tightly. Sprinkle with oregano, salt, pepper and top with butter or margarine Turn convection oven to 475 degrees or maximum to preheat for convection broil. Place foil-wrapped vegetables on rack. Cook while oven is preheating. When oven is preheated arrange chops on rack along sides of foil packet of vegetables. Broil chops 11 to 14 minutes, or to desired degree of doneness, without turning.

SUNNY FLANK STEAK

1 beef flank steak, 1¼ pounds
3 medium oranges
⅓ cup lemon juice
3 tablespoons Worchestershire sauce
2 tablespoons salad oil
2 teaspoons sugar
1 teaspoon salt
1/8 teaspoon ground cloves
4 drops hot pepper sauce

Grate peel from one orange to measure one teaspoon; cut orange in half and squeeze juice into a small saucepan. Add lemon juice, Worcestershire sauce, oil, sugar, salt, cloves and hot sauce; heat to boiling, stirring to dissolve sugar; cool Place steak in plastic bag and add marinade, turning to coat. Tie bag securely, pressing out air, and place in a utility dish. Marinate in refrigerator 6 hours, turning at least once. Remove steak from marinade and place on rack in broiler pan so surface of meat is three to four inches from heat Broil 5 to 6 minutes; brush steak with marinade and turn. Broil second side of steak to rare, 5 to 6 minutes. Carve steak diagonally across the grain into very thin slices. Garnish with wedges cut from remaining two oranges.

PEACHY HAM SLICES

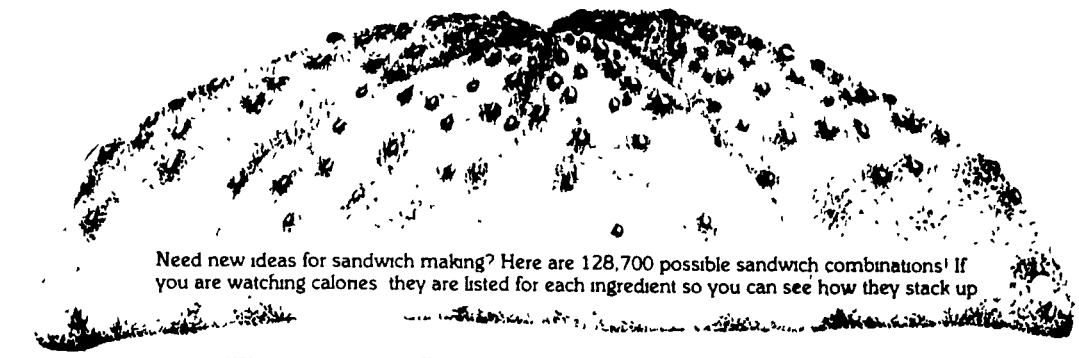
2 boneless fully cooked ham slices, cut ½ and ¾ inch thick
1 can (1 pound) sliced peaches
2 tablespoons sugar
2 teaspoons cornstarch
1/8 teaspoon nutmeg
½ cup orange juice
1 tablespoon lemon juice
1 tablespoon butter or margarine

Cut ham slices in half. Drain sliced peaches; reserve ½ can syrup. Combine and mix sugar, cornstarch and nutmeg. Add peach syrup, orange juice and lemon juice, stir until free of lumps. Melt butter or margarine in skillet. Brown ham slices lightly on both sides; remove from skillet and keep warm. Add cornstarch mixture to skillet; cook until thickened and clear, stirring constantly. Add ham and peach slices, heat thoroughly

VEAL AND PEPPERS

1½ pounds boneless lean veal
3 tablespoons salad oil
2 medium green peppers, cut in eighths
1 (3-ounce) can sliced mushrooms, undrained
pinch of crushed red pepper
2 (8 oz.) cans tomato sauce
salt and pepper

Cut meat in bite-size pieces. Brown meat on all sides in hot oil skillet. Add peppers. Cover and reduce heat Cook 10 minutes, stirring occasionally. Add mushrooms and liquid, red pepper and sauce. Cover and simmer until tender, 30 minutes longer Season to taste. Serve on hot cooked rice, macaroni or spaghetti



Need new ideas for sandwich making? Here are 128,700 possible sandwich combinations! If you are watching calories they are listed for each ingredient so you can see how they stack up

MEATS cal per 1 oz	CHEESES cal per 1 oz	VEGETABLES cal per ½ cup	SPREADS cal per 1 Tbsp
Bologna (90)	Sharp cheddar (115)	Lettuce (10)	Catsup (20)
Frankfurter (180) 1 frank (8/lb.)	Swiss (105)	3 slices tomato (15)	Dijon mustard (10)
Cooked ham (35)	Colby (110)	Cucumber (15)	Butter or margarine (100)
Dry salami (115)	Pasteurized process American (105)	Fresh spinach (20)	Salad dressing (75)
Cooked salami (70)	Mozzarella (80)	Celery (10)	Mayonnaise (110)
Thuringer cervelat (summer sausage) (100)	½ C cottage cheese (110)	3 green pepper rings (5)	Mayonnaise type dressing (75)
Bacon per slice (33)	Gouda (100)	1 Tbsp onion (5)	Peanut butter (100)
New England brand sausage (45)	Cream cheese (105)	Avocado (130)	Thousand Island dressing (75)
Braunschweiger (100)	Edam (105)	Carrot (20)	Italian dressing (85)
Barbecue loaf (50)		Cauliflower (20)	Jelly (55)
Honey loaf (35)			

BREADS
(Calories per 2 slices)

Italian bread (110)	White (125)	Hot dog bun (130)	Bagel (150)
Croissant (200)	Rye (120)	French bread (120)	Pita (100)
English muffin (140)	Whole wheat (135)	Pumpernickel (160)	Submarine roll (400)
Cracked wheat (130)			

STORAGE TIPS

- Keep cold foods cold by placing a can of cold beverage a plastic margarine tub filled with ice, or a commercial freezing gel in the bag
- For a fresher tasting brown bag lunch sandwich, individually wrap ingredients, keep cold and assemble just before eating

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20-10-10
15-15-15
8-32-16
6-24-24
32-0-10
26-13-13
22-12-18
19-19-19
12-36-12
10-20-10
6-18-36
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0-0-60 MURIATE OF POTASH
0-0-22 K-MAG
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40% IRON
20% ZINC
90% SULPHUR
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York Extension Offers Classes

Below is a list of classes to be offered by the York Co. Extension Office.

Classes will be cancelled and fees refunded if they have not been filled 1 week before the first class. No refunds will be given on cancellations made by you less than 7 days before the first class.

In the event of snow call the office to see if the class is cancelled. If the front parking lot is filled use the lower side lot. The front door must be used for night classes.

Make checks payable to: EXTENSION SERVICE SPECIAL FUND.

FOODS & NUTRITION

Cooking With Microwaves (6 sessions) Feb. 3, 10, 17, 24, March 2, 9 - 10:00-12 noon OR 7:00) to 9:00 p.m.

Anytime is Pie Time Feb. 28, 10-12 noon.

COST: $3.50 INSTRUCTOR: A. Joan Lamberson

Bread Basics March 22, 9:30-12:00 noon at 4-H Center.

COST: $3.50 INSTRUCTOR: A. Joan Lamberson

EASTER BREADS April 5, 10:00-12:00 noon

COST: $3.50 INSTRUCTOR: Sheila Arnold

CREATIVE USE OF LEISURE TIME

Lap and Traditional Quilting March 28, April 4, 11, 18, 25, May 2, 10-12 noon

A lap frame, thread and needles are available from the instructor for approximately $12.00. COST: $15.00 INSTRUCTOR: Nellie Snyder

Acrylic Folk Art Painting March 27, Apr. 3, 10,17, 24, May 1 6:30-9:30 p.m.

A supply list will be available at the 1st class. They can be purchased from the teacher or provide your own. Bring a plastic water container such as cool whip container. COST: $20.00 INSTRUCTOR: Terri Lipman

Wood Graining March 27, Apr. 3, 1-3:30 p.m.

Supplies available from teacher $10.00. (use of paint, medium, graining tools, sample boards). COST: $8.00 INSTRUCTOR: Terri Lipman

Seminole Patchwork March 6, 9:30-2:30

You must provide your own sewing machine. A list of needed supplies will be sent to participants. COST: $1.00 INSTRUCTOR: March Seckman

Seminole Patchwork March 6, 7-9 p.m. - This will be a lecture demonstration for those unable to transport sewing machines. There will be no class participation. COST: $1.00 INSTRUCTOR: Marcy Seckman

Machine Monogramming Apr. 6, 9:30-2:30 - Learn the art of monogramming with your machine to make attractive items for home and gift giving. Must have a zig zag sewing machine to participate. A list of supplies will be sent to participants. COST: $3.50 INSTRUCTOR: Marcy Seckman

Candlewicking Apr. 26, 9:30-12 noon - Supplies needed: scissors, thimble, water soluble marking pen, 6"-8" embroidery hoop. Muslin, needle, and yarn will be supplied. COST: $3.50 INSTRUCTOR: Marcy Seckman

Beginning Knitting Jan. 17, 24, 31 9:30-12 noon - For those who do not know how to knit. Make a pair of stretch slippers. All supplies provided. COST $5.00 INSTRUCTOR: Marcy Seckman

HOUSING AND HOME MANAGEMENT

"Do It Your Self" Home Repairs March 12, 19 1:00-3:00 p.m.

In this class you will learn how to do plumbing, electrical, caulking, replacing glass, patching holes in walls, and other simple repairs and the basic tools needed for the job. COST: $5.00 INSTRUCTOR: Mr. William Dellinger, Housing Council of York

Insulating Walls and Windows, How and Why! Feb. 14 7-9 p.m.

This class will privde information on types of insulation on R-values, how to install it, vapor barriers, ventilation to reduce moisture problems and inside window treatments that insulate and can be made yourself.

COST: $30.. INSTRUCTORS: Randall Beck Co. Energy Office and A. Joan Lanberson

Do Your Own Wallpapering March 29 10-12 noon OR 7-9 p.m.

COST: $3.00 INTSTRUCTORS: Anna Mae Cummings Royal Paint & Hardware and Dave Joseph, Sale Representative Wall Mates Wall Covering

Reupholster Your Own Chair Mar. 21, 22, 28, 29 Apr. 5, 11, 12, 18 6-10 p.m. (last two classes 6-9 p.m.) at 4-H Center

This class will cover the skills and techniques of reupholstery. Participants will reupholster their own chair in class. COST: $35.00 INSTRUCTOR: Ruth Benedick

Kitchen Planning Clinic Feb 2, 10 a.m. to 2:30 p.m. Feb. 9, 8:30 a.m. to 1 p.m. a field trip to Krown Kitchens in Leola.

COST: $3.00 INSTURCTOR: A. Joan Lamberson

Window Dressing - Feb. 22, 10-12 noon

Learn how to construct several headings and how to make fabric window shades and make them energy efficient.

COST: $3.00 INSTRUCTOR: A. Joan Lamberson

New Lamp Shades to Fit Your Lamp May 9, 16 9:30-12 noon

COST: $1.00 INSTRUCTOR: Marcy Seckman

Energy Saving in The Kitchen April 30 9:30-12 noon.

Bring a copy of your electric bill. "How long must I use a microwave oven before it pays for itself? Is it better to use a small applicance or a big oven? Is buying a table top oven instead of a new range a wise investment for a single person?" These are just a few of the questions that we will answer. Also featured will be a comparison of foods prepared in the oven, a microwave, a slow cooker and a fry pan. COST: $1.00 INSTRUCTOR: Marcy Seckman

CLOTHING

Sewing and Buying for Children Feb. 1, 8 10-12 noon

COST: $6.00 INSTRUCTOR: A. Joan Lamberson

Ultrasuede Workshop Marsh 20, 27, Apr. 3, 10, 17, 24 10-12 noon

Participants must have done some tailoring. COST: $15.00 INSTRUCTOR: Kay Blier

Speed Tailoring Feb. 9, 16 9:30-12 noon Feb. 23, Mar. 1, 15, 22 9:30-2:30

The first two classes are lecture/demonstration. There will be time to sew in class in the remaining classes. COST: $2.00 INSTRUCTOR: Marcy Seckman

Beginning Sewing May 3, 10, 17, 24, 31 9:30-12 noon

Workshop includes lecture, demonstration and some sewing in class on either your own or a class machine. COST: $2.50 INSTRUCTOR: Marcy Seckman

Correct Fit For Today's Fashions Feb 13, 27, Mar. 5, 12, 19, 26 9:30-12 noon

You will learn to analyze your figure and adjust patterns accordingly. CIST: $7.00 INSTRUCTOR: Marcy Seckman

Mens Pants Feb. 29, Mar. 7, 14, 21 9:30-12 noon

COST: $2.00 INSTRUCTOR: Marcy Seckman

Care & Minor Repair of Sewing Machines Feb. 21 1-3:30 OR 7-9 p.m. Mar. 21 1-3:30 OR 7-9 p.m.

Bring your sewing machine and learn the care and minor repairs you can do on your own machine. Learn when to seek professional help. Most machines can be removed from the cabinet. These are four identical classes. Only register for one. COST: $2.50 INSTRUCTOR: Ben Sankey Service Technician from Yorktowne Sewing Center

Fabric Tour to Philadelphia March 27 8-5 p.m.

The bus leaves Queensgate Shopping Center at 8 a.m. and will return about 5 p.m. COST: $9.00

MONEY MANAGEMENT

Family Estate Planning May 2, 9 7-9 p.m.

Two sessions have been scheduled to help non-farm families learn the importance of estate planning and the how's and the why's of doing it as a family team. COST: $1.00 INSTRUCTORS: Extension Specialist Attorney Bank Trust Officer.

FAMILY LIFE EDUCATION

Your New Life.....Alone

If you are newly widowed, separated or divorced, you may be handling your own finances for the first time. You may be lonely, or concerned about the safety of living alone.

Divorce, widowhood and separation are probably the three most stressful events men and women face. A series of six newsletters called "Your New Life....Alone," offers practical suggestions for understanding grief, coping with finances, dining alone, and more. COST: $1.00

New Angus Queen Named

HARRISBURG — In conjunction with the 1984 Farm Show, Julie Myers was selected from a field of eight candidates to be the 1984 Pennsylvania Angus Queen.

Julie is the daughter of Mr and Mrs. Dale Myers, Wellsville. She is a sixteen-year-old honor student at Northern High School and an active member of the Gifford Pinchot FFA Chapter.

She has won numerous 4-H livestock and meats judging contests on the local, state and national levels. She has also served as an officer of the Pa. Junior Angus Association for the past two years

Julie Myers

Obese People Eat Less

It's not always true that fat people eat more than thin ones. A recent study of women's diets uncovered the fact that overweight women consume slightly fewer calories than women of normal poundage. The two groups differed most in their level of physical activity. Instead of decreasing food intake to lose weight, overweight people may need to increase activity levels. A well-balanced diet of milk, meat, vegetables, fruits and bread should be accompanied by a regular exercise plan.

WHAT'S YOUR PROBLEM?

Here's A Timely Tip...

Apply lime often for best results

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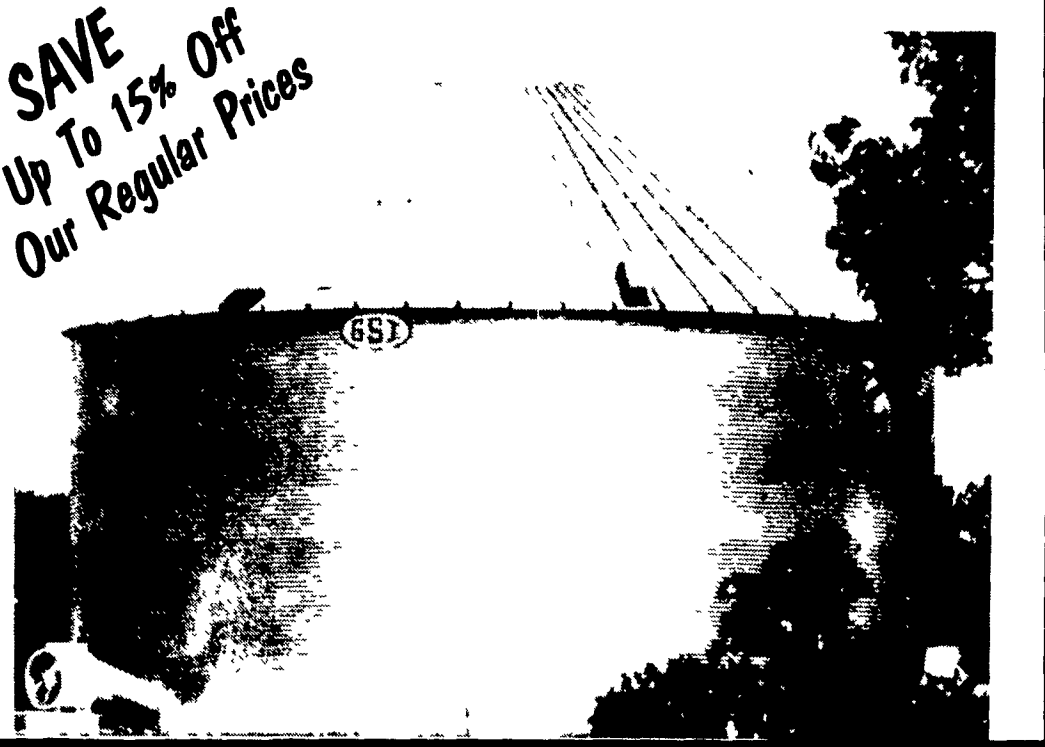

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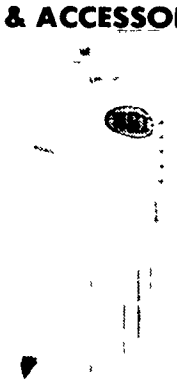

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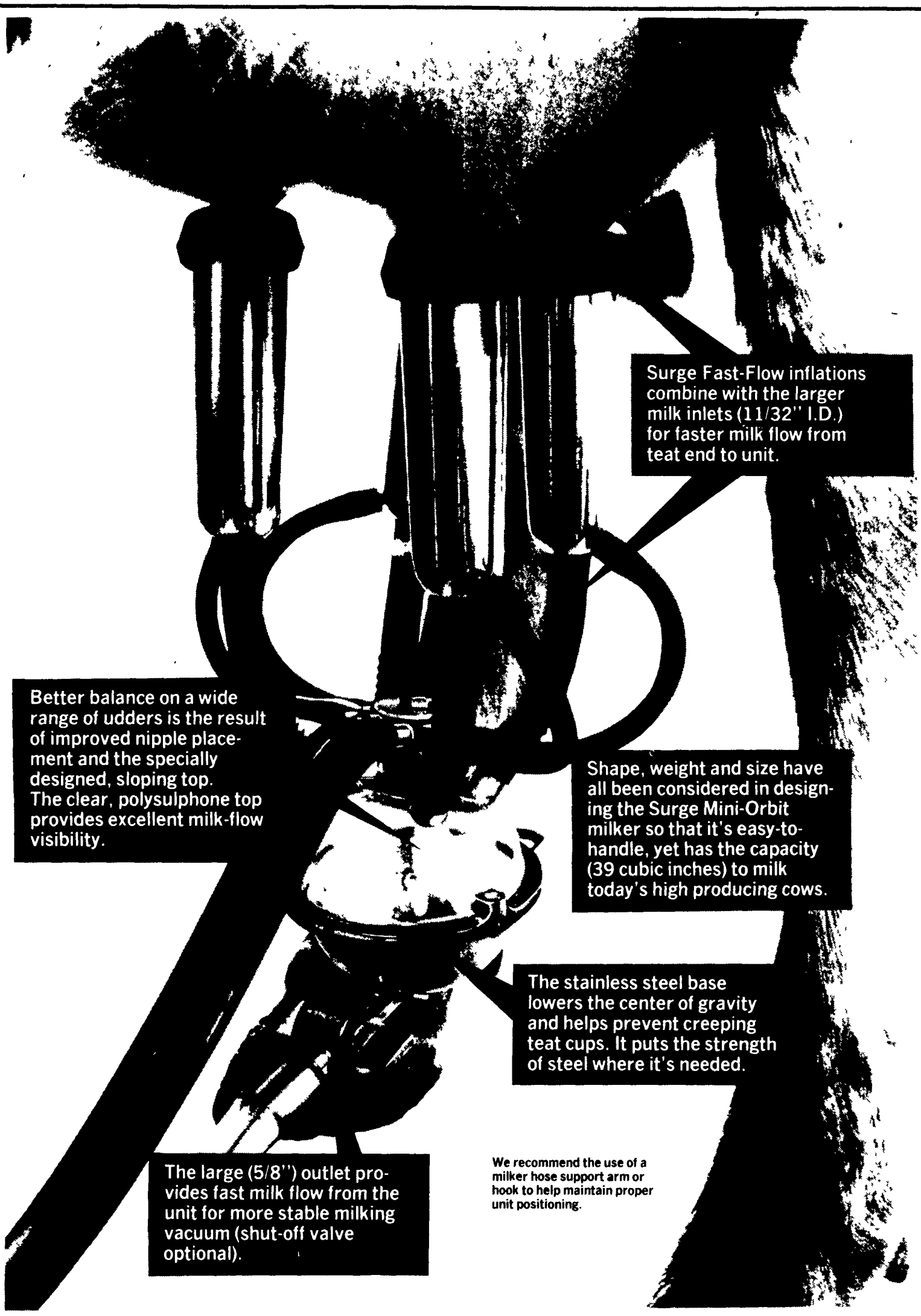

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We recommend the use of a milker hose support arm or hook to help maintain proper unit positioning.

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On being a farm wife - And other hazards

Joyce Bupp

Standing at the kitchen sink, dish brush in hand, it dawned on me that I had, at that very moment, possibly hit bottom in my homemaking career.

There I stood, scrubbing out the bottom of the toaster.

Cabin Fever? The January Blahs? Post-holiday boredom, maybe?

For this farm wife, usually running to catch up with visible household clutter, overflowing office desk and typewriter deadlines, such neatness exercise is indeed rare. Fact is, I'm not sure I can cope with being so tidy and organized.

But with the latest offering of winter's storms piling up outside the doors, and the promise of several hours more to come, scrubbing off the raisin bread icing that had melted through to the bottom of the toaster seemed a fitting opening to a day that could no longer be put off.

With this victory of character behind me, I set off toward greater challenges.

Like the kitchen "junk" drawer.

Admit it, you have one, too. You know, the drawer where you keep all those little odds and ends you might need someday, so that you can throw them out two days before you finally find a use for them.

Out went the families of dead flashlight batteries that had been wantonly reproducing in one of the back corners, to their eternal reward in the trash can.

Following, in a layered-look effect, went accumulations of torn rubber bands, a mountain of little scraps of paper that might have come in handy some day, empty match packs that should have bitten the dust after they lit numerous bithday candles and shredded shoe strings that had probably seen the kids through their toddler stages.

All the "good stuff," from popsicle sticks to notebook paper reinforcements, earned a reprieve, returning to the depths of the drawer as reorganized junk.

When you're in high gear, you don't quit.

So, out came the year's accumulation of cancelled checks and checkbook stubs collected in the loosely-structured storage site for such items.

Remarried to the proper stubs, neatly stacked by numbers and firmly fastened with rubber bands, another year of our financial history was relegated out of sight, out of mind, but within retrievable reach if suddenly needed for reference.

Cleaning courage at an all time high, I flung open the hall closet to be buried, as usual, beneath a couple of ski jackets, two sweatshirts, and a passel of farm hats in varied states of repair - and disrepair.

After an hour of shuffling, sorting, and studying, I came away resigned that the only dispensable goods within was a stack of old magazines. Last time I so much as mentioned disposing of a cruddy, shapeless, but favorite, farm hat the veiled threats about such actions changed my tune.

Favorite hats are holy ground - and don't make the mistake of being caught in the action of stuffing one in a garbage bag.

With a final burst of enthusiasm, I tackled the sewing drawer's macramed mess of leftover bits of lace, seam binding, interfacing fragments, fabric swatches, ends of thread, and socks suitable only for toeless individuals.

Flushed with victory, I strained my wrist patting myself on the back for the day's accomplishments.

It sould only take one more snowy day, or so, to find everything I reorganized.

Granges plan meetings

HARRISBURG — State Grange Master Charles Wismer and several State Grange officers will meet with local Grange members in southeastern and southcentral Pennsylvania next week for county membership meetings.

Carrying the theme "Pennsylvania Grange — We Serve You," the round of meetings are for the purpose of discussing membership drives, grange services, legislative involvement, the Junior Grange program for young children and youth activities. Sandy Westover, state junior director; Fred Suloff, state membership director; Warren Harnish, representative for the PA Grange Insurance Agency; and a youth representative will accompany the State Master at all meetings.

Wismer said the State Grange this past year has realized a net gain in membership for the first time in many years and has initiated five new subordinate chapters. A key topic of discussion at county meetings will be the conducting of a statewide membership drive in the spring with specific goals set for each county.

With a membership totaling 42,000, the State Grange is the largest rural farm organization in the state. Local granges can be found in every rural county in Pennsylvania.

Dates, times and locations for county meetings are listed below:

Bucks County, Monday, 1 p.m., Tyco Grange Hall.

Lehigh County, Monday, 7:30 p.m., Memorial Hall, Germansville.

Berks/Schuylkill, Tuesday, 1 p.m., Shartlesville Grange.

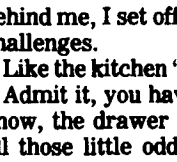
Montgomery County, Tuesday, 7:30 p.m., Keystone Grange.

Chester County, Wednesday, 1 p.m., E. Lynn Grange.

Lancaster County, Wednesday, 7 p.m., Willow St. Restaurant.

York County, Thursday, 1 p.m., Red Lion Grange.

Perry County, Thursday, 7:30 p.m., Rose Glen Methodist Church.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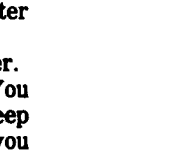
Welding &
Farm Supplies
Hardware


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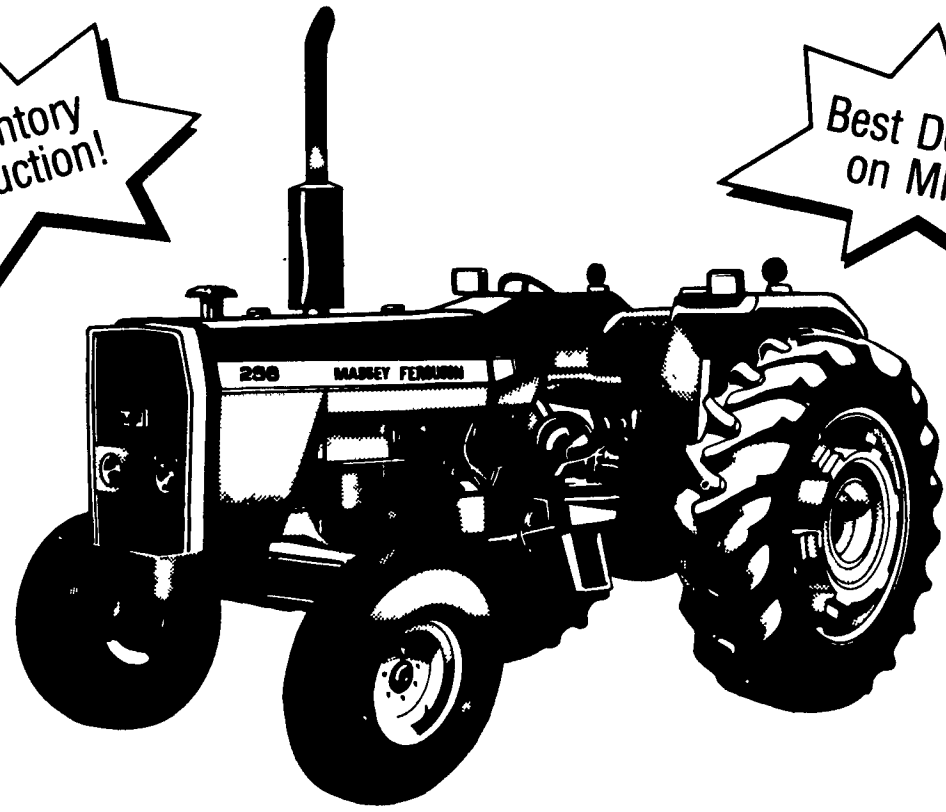

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See us now, because when January's over, these special offers will be, too.

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Carlisle PA
Ph (717) 249-5338

M. M. WEAVER & SON
N Groffdale Rd
Leola PA 17540
Ph (717) 656 2321

S. G. LEWIS AND SON
West Grove, PA
Ph (215) 869-9440
869 2214

MARLIN W. SCHREFFLER
Pitman PA
Ph (717) 648 1120

R.W. KELLER SALES
Perkasie, PA 18944
Ph (215) 257-0101

LEBANON VALLEY IMPLEMENT CO.
700 E Linden St
Richland, PA
Ph (717) 866-7518

ARNETT'S GARAGE
Rt 9 Box 125
Hagerstown MD
Ph (301) 733-0515

ABRACZINSKA'S FARM EQUIP. INC.
RD 1, Catawissa, PA
Ph (717) 356-2323
(South on Rt 42)

MF financing subject to qualifying credit and down payment

MAILBOX MARKET

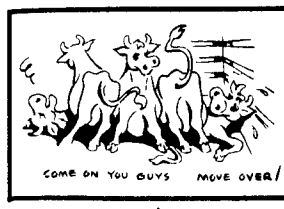
For Sale - Bootonware, the durable dinnerware Elam Beiler 1000 East Kercher Ave., Myerstown, Pa Just north of Lebanon Valley airpark.

For Sale - Reg Morgan Stallion, Upwey Ben Don Breeding 15H Dark Bay $1500, Snyder Co., after 5 p m 717-658-3511.

MAILBOX MARKET

For Sale - 4 row MF 3 pt. hitch cultivator good cond , 700 00, Oliver 14" 2 btm., pull type plow 301-364-5447

For Sale - Six nice meaty fast growing boars Service age in about two weeks. Only $275.00 each. 1-717-539-2712 or 539-2711.



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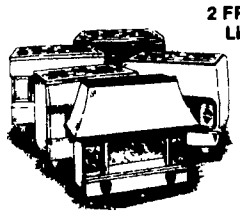

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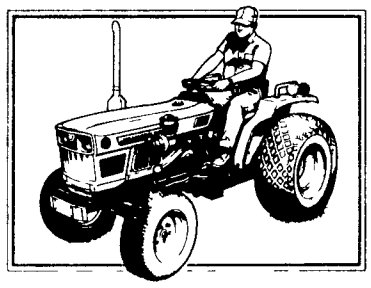

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MAILBOX MARKET

For Sale - Bundy Flute with case, like new, $95, Chester Co , 215-932-4728

Notice - Experienced herdsman willing to milk weekends and holidays Ref. available. Lanc Co , 215-445-5770.

For Sale - Brady Soybean Cooker in good cond., $485.00, Elmer Mast RD#1 Parkesburg, Pa 19365, Chester Co., 215-593-5853

For Sale - John Deere Model 845, 2 bottom roll-over plow-excellent cond , Wayne Co , N Y 315-923-9833

For Sale - JD 1240 corn planter excellent cond , Noah L Zook #1 Box 390 Prescott Rd , Lebanon Pa 17042

For Sale - Nubian & Alpine Does young & old; Nubian Buck, goodlines, reasonable prices, Guernsey heifer; Berks Co., 215-689-9895.

For Sale - Columbian Star Kitchen Range make offer Ira Z Stoltzfus RD8 Danville, Pa 17821.

For Sale - David Brown 1200 diesel needs some work $2,900 Berks Co , 215-589-2833

For Sale - 5.7 Leiter Diesel, parts Power feed for Bridgeport Cocker spaniel stud service Lanc. Co., after 5 00 p m - 717-733-8007.

For Sale - 1946 Willys Jeep - Antique tags - runs, looks great, $2150. 1949 Ford Parts Truck, no motor, $150 215-536-0598.

For Sale - 113 hp Diesel tractor with cab - Ontario Grain Drill Soybeans for seed - Monroe Co , 717-629-0777

For Sale - 1971 Inter Transtar CO 4070 Twin Screw Tractor w/sleeper, 903 Cummings Diesel Engine, 10 speed road ranger. N.J 609-455-4327.

Wanted - lease or purchase w/small down Small farm - to raise heifers w/rood access. for farm stand, N.J or Pa 609-261-8376.

For Sale - Ford 6000 Diesel Tractor, Runs good, new paint, make offer, 301-287-5277 day or 215-431-3183 after 9 p.m.

Notice - Barns to tear down 28x36, 30x30 two story beams, planks & slate good. AC 600 No-till air planter, 201-479-4807.

For Sale - 100 Bales good Timothy Hay $1.75 per bale. Adams Co , 717-359-5932 after 6 p m

For Sale - Purebred Charolais Bull 8 mo old approximately 900 lbs Sire - Olentangy Terry Atlas - Golden Certified Meat Sire, 814-345-5981

For Sale - For parts Fork lift (Elwell Parker) UL type truck, Jacob S Stoltzfus R3 Box 156 Mech Md 20659

Wanted - 3 pt. hitch rototiller, 5 or 6 ft long Also wanted 10-12 ft cultimulcher Berks Co , 215-944-7333.

Wanted - Strong, young Christian woman desires part-time work on farm Exp w/horses. Berks Co., 215-779-9336 before 10 A.M., after 4 p.m

For Sale - Quality Timothy Mix Hay, 3rd & 4th Cutting Alfalfa; Harford Co Md 301-838-6980.

For Sale - White Aluminum Storm Windows 23½"x38¾" & 28 7/8" 50 5/8" Cunningham hay Crimper Wide track A.M.F Snowmobile w/reverse - runs good 717-243-8519

For Sale - Registered Suffolk ram, 4 yrs old with papers. Cumber Co 717-776-3893

Wanted - Poly storage tank, any size up to 700 gallons, needs to be inexpensive, damaged tanks considered Bradford Co., 717-549-7591.

MAILBOX MARKET

For Sale - Auger wagon on wheels, appx 3 ton capacity, exc for concentrate storage, very good cond. Adams Co 717-359-7542

For Sale - COOKSTOVES! Majestic, Kalamazoo, Prizer, Monarch & others, quality used ranges, all exc burning cond Schaefferstown, Pa 717-949-2195.

Wanted - Used 12-24 ton feed bin, must be in good cond., can pick up. Chester Co 215-286-6388

For Sale - 4 Surge mini-cup II milkers w/single or alternating pulsation avail Berks Co 215-756-6791

For Sale - Flail type Black Hawk Estate spreader, good cond , sell or trade for large spreader w/equal value $400 304-726-4330.

For Sale - Patz barn cleaner chain 350' used $3.75/ft, will trade for one that travels counter clockwise 717-354-7275

For Sale - Snow plow for Ford tractor $200, coffee vending machine, good shape $75 York Co 717-938-5437

For Sale - Used Starline unloader for 10' silo, $250./best offer, used fans for same unloader Lanc Co. 717-529-2294.

For Sale - Stanley coal burning cookstove, good cond., also old Singer sewing machine Lanc Co 717-653-4405.

Wanted - Gas powered mortar mixer in reasonable cond. Lanc Co. 717-687-6538.

For Sale - Farmall A plow & hitch $100. 2 good snow tires GR78-15, $35 pr Kerosene space heater $30. 215-445-6440

For Sale - 2-10x10 overhead doors glass panels 140.00 both 6 row 7000 conservation planter with or without sprayer. 717-866-4280.

For Sale - John Bean Potato Grader & electric packer $150.00, JD 1 row PTO potato digger $200.00 Cambria Co , 814-736-3134.

For Sale - Brillion 12' transport harrow, good cond., $650. Lanc. Co., 717-354-5092.

Wanted - Farmall, cub, A, or Super A, Chevy or GMC 4x4 for parts. For Sale - 8' Jon Boat $100 717-426-3996

For Sale - Beautiful Registered Arabian Gelding, Show Horse, Ted Flowers Silver Parade Outfit excellent cond , also beautiful Haflinger horses, 814-445-6358.

For Sale - Truck body - 16' enclosed van with overhead rear door good cond , Leb. Co , 717-867-2489

Help Wanted - Person for dairy and tobacco farm Write Emanuel D Lapp, 3924B Ridge Road, Gordonville, Pa 17529

For Sale - Oats nice clean heavy noble oats 3.00 per bu Also good cornsilage can deliver. Call 215-488-6315, Berks Co.

For Sale - Pine oak trees for planting VE4 Wis engine with clutch. Jacob Stoltzfus 42 Golf Rd , Myerstown, 17067, Leb Co

For Sale - Top Quality Hay, Tim. Bro Alfalfa Tim Bro & Strait Alfalfa, 1st, 2nd & 3rd cuttings & ear corn, 201-995-4275

For Sale - 8' V snowplow $225.00, Juniata Co 717-436-2255

For Sale - 141 Van Dale Silo Unloader good cond , 717-265-5411

For Sale - Wic Bedding Chopper with 3 horse motor used 2 yrs $985.00, Lanc Co , 717-626-0329

For Sale - JD 24T baler w/No. 2 kicker and Mellinger applicator, 10' tandem transport disc, NI PTO rake, 814-344-6637 or 717-354-8832

MAILBOX MARKET

For Sale - pr White Emdem breeding geese laying now; Paired 2 flocks Northumberland Co., $16 00 Samuel K Yoder, R2 Watsontown, Pa 17777

Wanted - Used sawmill We will re-wood if necessary. Clinton Co., 717-923-1463.

For Sale - 8250 JD grain drill double disk, grass seeder, drills 10½ feet, excellent cond , 215-381-3043 Monroe Co

For Sale - JD KBA transport disk 10' $1000 00, Clay conditioner w/IH mower floating head 7' cut 2 knives $350 215-285-6313

For Sale - Used Magestic cookstove, Lanc Co , 717-733-4423

For Sale - 22' Krause (#1900) Rockflex disc Lanc Co., 717-665-3865

For Sale - Hale Irrigation Pump 5x4 Chrysler 6 cylinder industrial motor on cart, $500 or best offer York Co , 717-792-2743

For Sale - WD-45 AC w/Kelly loader power steering, 16-9-28 tires new front tires in excellent cond , 717-792-1635 York Co

Wanted - For collection, old machinery, engines, souvenirs, catalog's, books, tokens, badges, watch fob's, etc. Robert Rauhauser, Thomasville, Pa. 17364

For Sale - Rat terrior pup male. black & tan 2½ mos. old $35 No Sun calls York Co., 717-235-2200

For Sale - TD 9 crawler good undercarriage runs good $1,900.00 with or without pulley. Omer S. Stoltzfus Madisonburg, Pa. 16052.

For Sale - 1964 Inter 60 Passanger bus, good cond., $1,000.00 or best offer Stone Bridge Church, Washington Co , 301-678-6662

For Sale - 4-6.00x16 new mud and snow grip retreads $125.00, 225 AMP AC Lincoln Welder 80.00, North'D Co. 717-758-1734.

For Sale - 6 Holstein Heifers 13-16 Mo old $350.00 ea Leb Co. 717-865-4816

For Sale - N.H 202 manure spreader for parts, good rear $250.00, Elam F. Lapp Box 330 Rd #4 Lititz, Pa. 17543

For Sale - IH 56 Planter, D.D., fiberglass hoppers - 1200 - I.H B414 Diesel tractor 2800 I.H 4 wheel rake - 350. 717-789-3711

Wanted - Liquid fertilizer tanks for 800 Inter 7000 JD or white cornplanters before 8:30 a m or after 7 00 p m. 301-848-8638

For Sale - Charolais - cows, caves, feeders, steers, bull, Reducing head by 50%, purebred, unregistered Fulton Co 4 30 p m 717-485-5372

For Sale - Fifty large vac Holstein heifers Forty grades and ten registered; all will be fresh in May 717-899-6893 Mifflin Co , Pa

For Sale - '78 Camaro RS/LT, Rebuilt 350, 4 spd., Rallye wheels, mags, stereo. Silver/black Priced to sell Berks Co , 717-933-8862

For Sale - Steel Wheel 52"H 12"W 24" center bolt hole $200 Snyder Co , 717-837-0411.

Wanted - Tractor chains for 13 6x28 tires Manure fork for Sauder loader Manifold for Ford Jubilee After 6:00 P M 215-562-3965, Berks Co

Notice - For Adoption One handcrafted original cabbage patch doll w/birth certificate & adoption papers $26 00 Wanted - Pet Ferret, 717-789-4358, Perry Co

For Sale - Heil forced hot air oil furnace 168,000 btu, very good cond Cumberland Co 717-776-3007.

MAILBOX MARKET

For Sale - Walnut log 6'x18" 12'x34" Hackberry log, make offer 100-6; shade trees willow, sagamore, maple Lanc 717-394-3607

For Sale - AKC Cocker spaniel female. Also Westhighland terrier Lanc Co., 215-445-6880

For Sale - 6'x8' building, excellent for tool shed - aluminum siding Lanc Co , 717-733-7792 after 5

Wanted - Young Jersey cow or heifer for family, good frame good milker Montgomery Co , 215-589-6975

Wanted - Treadmills and Horsepowers good cond , (201) 842-4000 ext 56 or Monmouth Co , Park System, Newman Springs Rd , Lincroft, N J 07738

For Sale - IH 56 4R Cornplanter dry fert w/insecticide, rotary valve and double disc openers $1000 or best offer Lanc Co., 717-569-8925

For Sale - 1978 Ford 150 4x4 pickup, V-8, Auto no rust, reg. gas. 301-452-5057 eves Harford Co.

For Sale - Tennessee walking horses -at stud, double midnight sun, fee $100.00 15.3 hands, Cecil Co., 301-658-6742.

For Sale - New Elect. Heater, H D. for, Shops, Garages, barns etc Nice looking $300.00 or closest offer. Chester Co., 215-932-4068

For Sale - Property ideal for small business such as farm market, craft store, antiques, etc Living area, large yard. 23,900 717-584-3322.

Wanted - Locust posts - both round and sawed Brookside farms 55 Shetland Dr., Hummelstown, Pa 17036, Dauphin Co , 717-566-2958.

For Sale - Antique sleigh 2 seats, seats 4, good cond , call 717-292-4584 after 10 a.m price $600.00 York Co.

For Sale - Wic Bedding Chopper excellent for chopping hay, straw, or paper Lanc Co , 717-684-8137, 717-285-3878 ask for Larry

Wanted - Belly mounted, corn planter with fertilizer attachments, for Farmall Super C Lanc Co , 717-656-8961

For Sale - Two seated mennonite carriage, with storm front and steel tires $700 00. Lanc Co , 215-445-5628

For Sale - JD 4520 Cab air duals, JD 235 disk 22'9" JD 1450 plow 5-18" Hanoverton Ohio 216-223-1816

For Sale - Used Badger Model 685 Free stall barn cleaner 500 ft chain, 4 folding paddles, $350 00, York Co , 717-456-5072

For Sale - Favorite Mfg rabbit cages 2-36"x30"x18", 12-24"x30"x18", 3-24"x24"x18" all in good cond., call 215-445-4665 ask for Floyd Lanc Co

For Sale - Overhead garage door 7'x16' in use till Jan 30 fully equipped power potato grader Lanc Co , 717-442-8758

Wanted - Hired boy 3 days per wk. Enos R. King Box 130 RD1 Paradise, Pa 17562, Lanc Co , in Georgetown

Wanted - Trees for lumber Will buy or saw several or small woodlots 20 mile radius of Mt Joy, Pa 717-898-7066

For Sale - Airtight woodburning stoves Alaskan large pedestal $450 (was $825) or Ike $325 Northampton 215 262-9776

Wanted - Rear wheels, rims, tires for IH 154 Lo-Boy tractor or wheels near same size 215-968-2503 Bucks Co

For Sale Purebred Jersey bull 4-H project, 1 11' JD 3 pt disk Lycoming Co , 717-745-3128 after 4 00.

MAILBOX MARKET

For Sale - Corn 1361 bu at Tidewater, Philadelphia, best offer, 1964 Ford F500 14' stake, 80% rubber Luzerne Co 717-864-3563

Wanted - Cast iron machinery seats w/names, top prices for ones I need Elmer Gamble, RD1, Alexandria Bay, NY 13607

For Sale - 18"x38" tractor chains $300. Int. 3 pt 8' heavy blade $600 3 pt wood saw. Carroll Co 301-848-6395

For Sale - Australian Cattle Dog puppies, 'Blue heelers" exc stock & house dogs, shots, wormed $50 Bradford Co 717-358-3129

Wanted - Holstein Heifers vaccinted & dehorned 6 mo. to 18 mo old - Chester Co., 215-593-5665 between 6-7 A M or P M

For Sale - Home Grown Pennscott Clover Seed State tested 99 93% pure, 97% Viable seed, $70/Bu., $5/Bu Discount over 5/Bu. 717-529-2723

Notice - Lonely - come live w/friends along Juniata River, fishing, etc Low rates no smoking. Box holder Box 564 LWTN, Pa. 17044

For Sale - Old Philco floor model radio, works 14" radial snow & regular tread 6-ply tires & chains 717-665-5848.

For Sale - Top Buggy in fair condition 475.00-Oliver 50T Baler 100.00, Oliver 9 Ft. transport disc 250.00, Lanc Co 717-733-8434

For Sale - 16' Artsway Dion Chuckwagon with 3rd beater & roof. Good condition must sell $2500, Glouchester Co , 609-478-6409

For Sale - Large & small V Snow plows, Oliver grain drills, N.H 24' elevator, 3 pt 7' blades, 717-345-4882

For Sale - 57 Jeep w/plow 4 WD $750, JD LA w/cutter $950 Bobcat skidloader model 610 w/60" bucket $2700 Nite 215-598-7546

For Sale - Glenwood wood burner, large water jackets, and insulated panels real good condition, used only two years 215-267-2251

For Sale - 2 Sorrel work horses 1 5 yr &10 yr Michael R Stoltzfus RD#2 Narvon, Pa 17555

For Sale - Registered Brown Swiss heifer breeding age, and heifer calf Bred holstein cow & heifer Ford rotary mower 215-791-0186

For Sale - 1973 Ford 350 w/16" Flat bed, 1952 Ford Tractor - Good cond , 717-653-4839

For Sale - Approx 1 cord old barn lumber $15 00, Rear tires and wheels from JD "L", good tread, $95 00 pair, 717-656-6644

For Sale - App 75 pcs terre cotta caps for 8" cement blocks 24" long York Co , 717-244-1879

For Sale - JD 16' minimum till disk, model #1600, $12,000 - New asking $4,500 201-859-2616

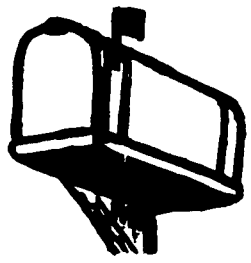
For Sale - Electric typewriter, Olympia, like new, with table Bucks Co , 215-257-8847

For Sale - 20 ft. double chain conveyor also horse cart with brakes Lanc Co , 717-656-8531

For Sale - N I 12A manure spreader $595 3 pt cult $150 3 pt 450 N H mower $695 717 354-0266

For Sale - Used cutting torch kit also section of 6" Stove Pipe with fan & motor inside 717 354 5691

For Sale - 6 German Shephard pups Jonas K King 4 miles South of Quarryville beind Mechanic Grove Store Lanc Co , Pa



FREE

Subscribers to Lancaster Farming will receive one advertisement FREE each month in our Mail Box Market. Subscribers using the Mail Box Market will be governed by the following rules.

Limit your advertisement to 20 words, area code must be added to phone number and, due to repeated requests, please include your county for buyer and seller convenience. all advertisements must be mailed to the office by Tuesday or same will be held over for next week's paper, no business advertisements accepted.

Include your Lancaster Farming mailing label and mail to

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Lancaster Farming
P O Box 366
Lititz, PA 17543

No Phone Calls Please

MAILBOX MARKET

For Sale - N H 516-205 bu 3 beater spreader. Excellent $1500 - or make offer Can deliver. Leb. Co , 717-865-4329 - 865-6220

For Sale - 77 Artic cat Pantera 5000 Snowmobile, 100 mi on new engine & clutch, exl cond , $1400 717-799-5425 eves.

For Sale - 14 bu. hand made with ¾" plywood good quality feed carts 195.00 ea. Berks Co., 215-944-0352

For Sale - Large registered Charolais polled cow with bull calf, Charolais heifers and bulls, Orchard grass seed 215-756-6618.

For Sale - I.H. 249 2 row, corn planter field ready, $300.00 or best offer Carbon Co., 717-386-4310

For Sale - David Bradley manure spreader on (4) steel wheels $150. Pull Type (4) section 16' spring harrow $225 215-767-2033.

For Sale - 58 A farm, 5 M.N. of Delta, Pa., S York Co No buildings. $90,000 owner financing 301-692-6347

Wanted - Solid wood shutters 60 in., write T Reitz, P.O. Box 220 Dalmatia, Pa. 17017.

Wanted To Rent - Farmland, Write PO Box 17 Lemoyne, Pa. 17043.

Wanted - Complete set of heavy leather work harness for 3800 lb. team must be very good, Wor. Co , 617-632-3494.

Wanted - 1,000-Yd Benchrest Rifle, S. Joseph Lesley, 14 Glenway, Smyrna, De 19977 or 302-653-8173.

For Sale - Round bales of mixed hay 4'x5', $30 each 50 mi free delivery 15 bale minimum Chester Co , 717-458-5783

For Sale - 6 butcher hogs weighing from 300 lb to 400 lbs Samuel J Stoltzfus, R4 Box 242 Honey Brook, Pa 19344

Wanted - 12' flat body bed for stake body truck Call 215-355-2929 Bucks Co

For Sale - NH 455 Mower like new NI 752 Hay Conditioner, NI Transplanters very good, Ben fisher, #2 Loysville, Pa 17047, 717-789-4569

For Sale - JD 95A backhoe attachment. $1100.00 Leb. Co , 717-865-5080.

MAILBOX MARKET

For Sale - Winchester model 94 John Wayne commorative rifle 32-40 cal. Ser #29,230. $600. Belgium Browning Auto Light Twelve shotgun 717-939-5583

For Sale - Royal SE 5000 CD single Element dual pitch correcting electric typewriter - 7 Doz. ribbon's, 3 extra elements $350.00 215-866-7773

For Sale - Jersey-Holstein family cow, due to freshen in summer, $300. 120 bass accordian, excellent cond., Berks Co., 215-488-1337.

Wanted To Buy - New born lamb to bottle feed, A richard Stauffer RD2 Box 77 Elverson, Pa. 19520, Chester Co., 215-286-5403.

Wanted - Amish hired youth, part or full time, prefer, experience with dairy. Samuel B. Lapp 4141A Redwell Dr., Gordonville, Pa. 17529.

For Sale - 13 and 14' gates - $65.00, 17 loop free stalls $20.00 each, 8 flores. lights - $10.00 each. Montg. Co., 215-679-4713.

For Sale - Snowmobile track Yamaha 18" wide center drive, Bogey wheels and skis excellent cond., $125.00, for all Kirkwood, 717-529-6175

For Sale - Six yr old driving horse traffic safe, good work horse. Benjamin K Swarey #1 Peach Bottom, Pa. 17563.

For Sale - Roadise stand 5½ ft. by 8 ft. inside measure $75.00 or best offer. Call 717-733-2178, Ephrata, Pa

For Sale - JD 224 Baler $850, AC 904 Haybine $400, both in good cond., Lanc. Co , 215-445-5918.

For Sale - NH 353 Grinder Mixer excellent cond., 717-862-3536, York Co.

For Sale - 50 gal Electric Hot water heater $60 good cond., Henry K Beiler 416 Strasburg Pk Lanc. Pa 17602.

Wanted - Used 3 pt. subsoiler in good cond., call after 4 30 p m Anytime, 717-993-6111 York Co

For Sale - 1966 V.W. Engine for Bus, van & pickup, $100 or best offer. Lanc Co., 717-367-2380 after 4:00 p.m.

Wanted - Used M.F. 12" moldboard #12I-A0110 No cracks, no welds, Chester Co., 215-932-3286.

For Sale - Choice Shropshire yearling rams; 2-3 yr. old proven rams, Shepard & D'Ambra bloodlines. Leb. Co. 717-949-3653.

For Sale - Large Hydraulic pump, gear type, 1¾" parts $35. Magic Heat heat exchanger 8" $40 cash. Snyder Co 717-374-8625

For Sale - 16' portable cattle feeder wagon holds approx. 75 bales $275, exc cond. Lackawanna Co 717-842-9811

For Sale - 656 Hydrostatic IH tractor, 3 pt. hitch, wide or narrow front, nice. York Co. 717-456-7372 before 9 a.m.

For Sale - 8x40 mobile home, no reasonable offer refused. Berks Co 215-682-2894

For Sale - 5 hp economy Hit & Miss engine w/clutch pulley $575 Bucks Co 215-536-3047

For Sale - NH 269 baler w/thrower, works good $1900 Franklin Co 717-349-2664

For Sale - Country bar-restaurant located in Sch Co Inventory- equip included, good location, owner retiring 717-644-2120.

For Sale - JD 4450 tractor, power shift, MFWD, wts , w/20x38 snap on duals or without Adams Co 717-334-1824.

For Sale - (2) 700 to 800 lb. Angus steers, corn fed; JD B tractor parts. Chester Co. 215-593-2115 after 5:30.

MAILBOX MARKET

For Sale - Bale Thrower Wagons - steel or wood Will fit sides onto your flatbed. Also Available. Flatbed wagons, Stoltzfus Woodwork, 717-442-8972.

For Sale - Bushel Crates $2.75 ea., ½ bushel crates $2.00 ea., better price on large quantities, 717-799-5261.

For Sale - 20' bale conveyor w/electric motor $175, 3 hp. 3 ph. 220V. elec., motor $50; Real good cond., 717-987-3732.

For Sale - Roscamp roller mill/blower used less 500 tons, $2500 or lease $2400, Cumb Co., 717-532-9501.

For Sale - Mechanical Transplanter 1 row w/water tank new; Albert L Liebno Sr., Bear Creek Farm 2311 Bear Run Rd., Taneytown, MD 2.787.

For Sale - Ingersoll Rand 5 H.P. 3 Phase weather proof motor 240/480 volts $60.00, 717-872-8345 after 5 p.m.

For Sale - Warm morning coal heater used very little, 717-354-8147 Lanc. Co.

For Sale - Tenn. Walkers - $500 to $1800 - standing at Stud, 16-1 black stallion, 8 world grand champions in pedigree. 717-359-9237.

Wanted - Approx. 10 acres, w/without small home, rent or buy. Dublin village apartments, Apartment C-5. Dublin, Pa. 18917

For Sale - 100 Face Cord, 16" to 18", firewood. $30 per face cord. Steuben Co., Bath, N.Y. 607-776-6350 eves.

For Sale - T.B. Bay Gelding 16.1 hands, T.B. Chestnut Mare 16 Hands Outstanding, Jumper's & Cross Country, Bill Werner, 215-932-3139.

For Sale - Used horse collars - good cond., all kinds and sizes. Christ E. Fisher, R1, Box 162 Paradise, Pa 17562.

For Sale - 1971 Chevy Blazer 4WD, 350, 4 spd., New tires, wheels & ball joints $2800 or best offer (717) 244-9582.

For Sale - JD 999 Corn-planter New fertilizer boxes long tongue $250.00 good cond., can deliver. York Co , 717-235-2032.

For Sale - S/S Butcher Boy mixer 250 lbs., York 4x4 10 Hp ammonia Refrigeration Compressor, 717-244-6692 after 8:00 p.m.

For Sale - Free stalls, Clay milking parlor & oil burner furnace & radiators, Jonas S. Lapp 3128A Harvest Drive Ronks, Pa. 17572.

For Sale - 2-Ton mixed clover & timothy hog. Merle E. Smeltzer, York Co., 717-252-2455.

For Sale - Field sprayer, 200-gallon mounted. Poly tank, NI-Resist pump, spare parts, manual excellent cond., 412-639-9019 Indiana Co.

For Sale - Legume Hay - Large Quantity - First & Second Cut In The Barn. Quality Tested. $1.75 To $2.50 Bale (304) 457-5374.

For Sale - Indian Peafowl (Peacocks). All colors, most ages 302-994-0508 New Castle Co., Del

Wanted - 8-12 Hp slow speed diesel prefer Lister or Bamford. Emery S Mast R#5 Box 702-A Dover, Del 19901.

For Sale - Pull Disk $30, Int Sickle mower w/adapter for 66-$50, 2 Q Horse Colts, 301-228-4418 after 7

Wanted - 7½ H.P. 3 phase 220/440 60 cycle electric motor 814-784-5707 after 5 00 p.m. Bedford Co.

For Sale - JD 1240 4 row plate planter w/herbicide spray attach. Good cond., $900./offer. Can deliver. 717-865-4329 - 865-6220.

MAILBOX MARKET

Wanted - AKC-basset hound female, Cumb. Co., 717-776-7942

For Sale - Jersey Cow, nice 3 mo , old heifer calf $425. Ben B Glick, R.D 2 Box 210 River Rd., Delta, Pa. 17314.

For Sale - Approx. 175 ft., Badger barn cleaner and 18 ft. elevator, good condition. Luz. Co , 717-788-3090.

Wanted - PTO shaft for MM model 69 combine. Call collect. For Sale - Wide front for Farmall M or 400. 717-924-3847.

For Sale - 4 yr. old Big Standard Bred Carriage horse, safe for family carriage, John B. Zook, Peter's Rd., Kinzer #1, Pa. 17535.

For Sale - Reg. S-W-D Valiant son service age dam 4.4 test, very heifer fresh chairman bull calf 24,640 dam, 717-354-9340.

For Sale - Int. #370 disk 7" spacing, 14 ft., Harford Co., Md, 301-692-6788.

For Sale - 20 ton good quality orchard and timothy mixed hay. No rain, $95. ton, can deliver. Sch. Co., 717-345-4489.

For Sale - 276A Farm Perry Co., barn, house 7 rooms with bath hot water heat and outbuildings, 717-536-3285.

For Sale - 800 gal. better bilt VAC-fill spreader, $3200, G.E. electrac tractor, mower, blade, & snowblower $800, 717-648-9022

For Sale - Locust posts - 3" to 6" diamter 8' long - $2.00 ea., Sch., Co. 717-739-2247

For Sale - Three MGB 66, 67, 68 all wire wheels, not running make offer, Lanc Co., 215-267-6174.

For Sale - I.H. 2606, gas, W.F., P.S , 3 P H. good cond., $3200, Sch. Co , 717-345-8079.

For Sale - 6' snow plow - 4 way elec., 1 Hyd., like new cost $2250 sale $950 Berks Co., 215-372-0405.

Notice - Horse manure - free for hauling call after 6 p.m. Berks Co., Hamburg Area, 215-562-3912.

For Sale - AKC Registered male Rottweiler pups, docked, shots & wormed exc., farm dogs, $215.00, Lanc. Co., 215-445-5325.

Wanted - Honeybee box's & supplies any cond., Amos F. Beiler 153 Mine Rd., Paradise, Pa. 17562.

For Sale - 12' spring harrow w/new teeth & new paint exc., cond., Lanc. Co., 717-786-3567.

For Sale - 16" D-2 track pads, many new, Spicer 3152 trans w/PTO $400 ea. York Co., eves, 717-292-4245.

For Sale - J.D. disk harrow Model 210, 14' wide, exc., cond., 20" blades, $2400. Lanc Co., 717-284-3270.

For Sale - Rye straw $2./bale; hydrolilc cylinder, 4" bore 60" stroke 2½" rob. Lanc. Co., 215-445-6885.

For Sale - Large wood stove - also overhaul set for W.D. - sleeve assy., bearings, and head gasket set. Lanc. Co., 717-653-2475

For Sale - Nubian buck goat - 6 mo old $35 , Color TV needs work $30 , sofa & loveseat $35 ea , 717-677-7387

For Sale - Eskimo Spitz puppies black eyes and nose "males", Elmer S Zook 3 mi. South of the Bud Osceola Dr Lanc. Co

For Sale - ADGA Reg Nubian 2 yr old does bred for May freshening. $50 ea., Lanc Co., 717-665-5268 eves.

For Sale - Ayrshire w/heifer calf, just fresh 1-21, good elder, gentle, 3rd calf, good milker $600.00, Lanc. Co , 717-548-2543

For Sale - 2 yr. old Suffolk Ram $90.00, 2 Suffolk ewe lambs $120.00, Northumberland Co , 717-758-4923.

MAILBOX MARKET

For Sale - Chihuahua puppies, Benuel M. Fisher R2 Box 26, New Holland, Pa 17557, Lanc Co South of New Holland.

For Sale - Hyd. Cyl. 3"x8" w/hose, Baldor 7½ hp. Elect. motor w/start-stop, Snyder Tanks 1500 gal. & 300 gal. 717-444-3898.

For Sale - A-C WD tractor, good cond., w/plows, corn workers, & irons to mount snowblade. $1,000.00 Perry Co., 717-789-3422.

For Sale - Mixed hay, very good quality, wire tied bales, timothy, blue grass w/some clover, $85/ton, Adams Co., 717-334-7188.

For Sale - Two horse trailer, exc., cond., $1500, also purebred Arabian mare 7 yrs. old good trail horse $1500. 215-987-3368.

For Sale - Case tractor Ser. 4501163SC in A-1 cond., good tires. New battery, Shellsville Pa., Dauphin Co , 717-469-2862.

For Sale - ARPS 3-pt. ground scoop $40.00; 2 door butcher furnace front $50.00, JD (A) parts. Berks Co., 215-488-1400.

For Sale - N.I. narrow row corn picker w/12 row husking bed, like A-1 cond., 717-626-7109.

For Sale - Antique pot belly stove $40.00, coke ice chest $50.00, Antique floor model radio $50.00. Berks Co., 215-777-1594

Wanted - 390 Cu In. Ford motor, set of wheels w/38" rims for F12 or F14 tractor, Perry Co , 717-536-3230.

For Sale - 600 Bales clean wheat straw; complete exhaust system for 351 Ford truck manifolds included Eves, Perry Co , 717-789-3979

Wanted - 2-horse or small stock trailer reasonable, Mority stock trailer for sale Mifflin Co , 717-242-0941

For Sale - Farmall Super A w/cultivators, plows, disc & cultipacker. Make an offer, Berks Co., 717-933-4337.

For Sale - Two Universal pail milkers. One needs new lid, $50 for both. Snyder Co., 717-658-3626.

For Sale - Ac TL-10 rubber tire payloader, 90% rubber, works good, $3,000 - also parts for AC-C tractor. Col. Co , 717-784-1779.

For Sale - 2 Used tractors tires 18 4x38 ⅓ or more tread; four Charolais steers 350-500 lbs. Montgo. Co. 215-754-7545.

For Sale - Timothy & Mixed clover hay by ton or bale. Oak & Ash seasoned firewood, Adams Co., 717-259-0048.

For Sale - D 2 Catipiller, under carriage like new, new radiator, Eli H. Zimmerman, RD 2 Box 37-B-17, Reinholds, Pa. 17569

For Sale - White 2-No diesel 1800 hrs., white 4x16-18" Semimount plow, Brillion 12' mulcher; exc., cond., Seneca Co N Y. 315-585-6389.

For Sale - 2 100 cow Herdex record systems, milk house two compartment stainless steel wash sinks, Dauphin Co , 717-944-6289

For Sale - Top buggy, blue fur interior, rubber wheels, 1981 paint, good cond , $1,100 John Shirk, Lanc Co , 215-267-4448

For Sale - yr old Terrior he hunts rats and squirrels good farm dog childrens pet, York Co , 717-292-2688.

For Sale - Standardbred horse traffic safe, safe for women, Amos S. Lapp RD 1 Box 368 Strasburg, Pa 17579, Lanc Co , Weaver Rd

For Sale - Int. 606 Utility, diesel, T/A, Hydr., 3 pt. dual wheels, rebuilt fuel system new battery, $2700.00, 717-653-9654 nights

MAILBOX MARKET

For Sale - Keeshond Elkhound cross pups 5-6 wks., old. Bennie M. Kauffman Box 285 along Bell Rd Christiana, Pa. 17509, near nine points.

For Sale - Jesse French, full console, piano in walnut finish. Exc., cond , Leb. Co., 717-949-3153.

For Sale - Purebred Nubian bucks, purebred Alpine bucks, AA, bred does. Russel D. Coover Cemetary Rd., RD#3 Dillsburg, Pa. 17019.

For Sale - 2000 Bales mixed hay, J.D. MT to 20 Ferguson w/mower plow. SC. Case eves., Adams Co., 717-334-5773.

For Sale - 4 apt. bldg three rooms and bath modern, Edw. Craig Newton Hamilton, Pa. 17075, Mifflin Co., 814-542-9217

For Sale - 1970 ¾ ton Chevy pick-up, 350 V8 92000 miles. Good truck. Inspected $800.00, Hay at barn, 717-658-3125.

Notice - Help needed - Amish boy to work on dairy farm, Perry Co., Vernon Stoltzfus, Box 109, RD #1, Loysville, Pa. 17047.

For Sale - Timothy & clover mixed hay; 8 ton; old straw for mulch, 6 ton; Juniata Co., 717-463-2370.

For Sale - Matched team 4 yr. old Belgiums half brother & sister $1,000 pair; 3 riding horses $295 ea 717-659-5297.

For Sale - Automatic electric poultry feeder, w/motor. Time clock, 100' of trough, chain & feed hopper Complete, 717-776-3578.

MAILBOX MARKET

Wanted - Parts for 1954 Chevy pickup, Lanc. Co. 717-898-7494.

For Sale - Reg. Holstein Service Age bulls sired by Valiant, Bell, Glindell, Tempo from EX dams Delivery considered Rinehart Fms., 301-346-7326.

For Sale - Snowmobile 1979 Polaris Gemini 244cc, like new 2 Row Blackhawk 3 pt. corn planter. Toyota rims, 717-469-0394.

For Sale - Esco milk cooler. Model #VD4, Exc , cond., $150.00. Luz Co , 717-788-1614 before noon or after 10 p.m.

For Sale - Top buggy w/brakes. Fair shape. $1000 or offer, Union Co , Harvey Nolt RD #3 Box 203, Mifflinburg, Pa 17844.

For Sale - 1½ in glass line and receiving jar for 20 stall barn $300.00. Call 301-733-2547.

For Sale - 1982 Yamaha motorcycle, 750 Virago low mileage extras, $2200. Lanc. Co., call 1-717-442-9207.

For Sale - N.H. 273 baler w/super sweep & thrower, good cond., $2,600. Berks Co. 215-944-7453.

For Sale - 700 bales of wheat straw $98.00/ton, also 600 bales Timothy hay $110.00/ton, eves. 717-665-5683.

For Sale - 1978 Chev pickup heavy half ton short bed diesel A-1 cond., Fickes silo roof door opening 24"x28" 717-866-7213

Wanted - Bucket-a-day stove in good cond., Lanc Co , 717-354-6712.

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TRUCKS & TRAILERS

For Sale - 1973 Mack R600 237 5 speed maxidine twin screw, nice $11,500. Norman R. Shores, RD#5, Towanda, Pa. 18848 717-265-9014.

MAILBOX MARKET

For Sale - Good haylage & corn silage Hershey Transplanter, Lanc Co. 717-569-9328.

For Sale - J.D. Manure spreader 400 Bu. tadem axel w/double beater & tailgate, good cond., Perry Co. 717-438-3205.

For Sale - D 2 Catapiller under carriage, like new, New Radiator, also PTO Will sell all or parts. Lanc. Co , 215-267-4838.

For Sale - 20 acre Farmette, buildings exc., cond., southern exposure, 2 spring fed ponds, ideal for sheep or horses, 215-484-2325.

For Sale - Home grown clover seed, H.K. Wiley, Delta, Pa. 17314, York Co , 717-456-5762.

For Sale - 5 H.P. compressor for milk tank, parts for acorn cable barn cleaner, parts for Badger Barn Cleaner, 717-933-4616

For Sale - 16' Alum Box Truck Body Roll Up Door $625, 16' Stake Body Wood Floor good cond., $625, 215-286-5311.

For Sale - N.H. 327 PTO 3 btr , 130 BU manure spreader $975, Beefalo heifers & steer Chester Co , 717-442-8437.

For Sale - Good used single mantle, Coleman lanterns, Enos Esh, 142-B Queen Rd., Gordonville, PA 17529.

For Sale - Antique 6-holed wood/coal cookstove $250. 215-693-5052, 215-589-2644.

For Sale - Clover seed, Pennscott, $60 a bu. Columbia Co , (717) 683-5668

For Sale - 6 yr. old work horse, lead horse $800.00, Norman R. Hoover, Lanc Co., 717-656-8769.

For Sale - 2 Stockey, sow farrowing pens w/feeders & watering troughs $125.00 for both. Harford Co , 301-692-9564.

Wanted - Hydraulic Thrower for JD 336 Baler For Sale - 5 HP Log Splitter, Carroll Co., 301-857-4639.

TRUCKS & TRAILERS

1975 Chev 90 Series 318 Det. 10 sp., 56,000 20' tradewind grain dump, asking $21,000, 215-869-9294, good cond.

6' wide Automatic Dock Levelers, trailer shelters for 12' high doors, $250 each. 717-927-6564.

For Sale - 1968 International Scout with Myers snow plow. $1500. 717-582-2352.

TRUCKS & TRAILERS

For Sale - 1977 GMC hay truck, 6500 series, heavy axles, registered for 33,000 lbs. all new 10::00x20 tires, clutch and brakes recently renewed, 366 V8 2 speed, PS, shock absorber seats, special low body over 24' behind cab, plus 11' deck over cab, Carries 480 bales. Excellent condition throughout. A real hay truck. Body is a work of art. Going out of business after 34 years. Price $11,000. 201-454-8259.

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1981 Ford F150 6 cylinder 3 speed overdrive, AM-FM radio, 26,000 miles, 4WD, 717-677-6494 after 5:30 PM.

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For Sale - 1971 Diamond T tractor, 318, 10 spd., twin screw, wet line and PTO, new paint, $5,000. 215-255-5145.

1982 Datsun King Cab pick-up, 4 cylinder, 5 speed, AM-FM. Excellent condition, $5,200. 717-733-2873.

1970 Chevrolet C50, 16' steel dump bed, 350 engine, 2 speed rear, 21,000 GVW, 717-345-4882.

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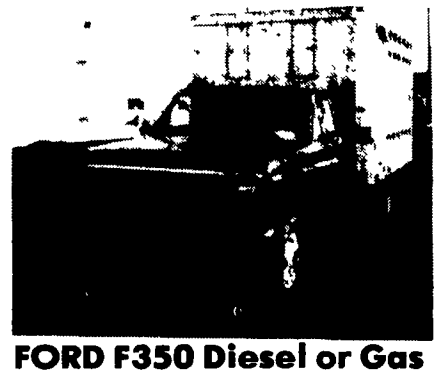

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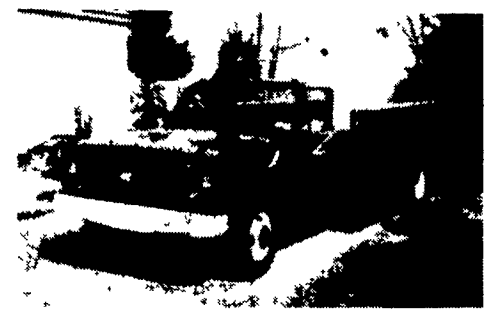

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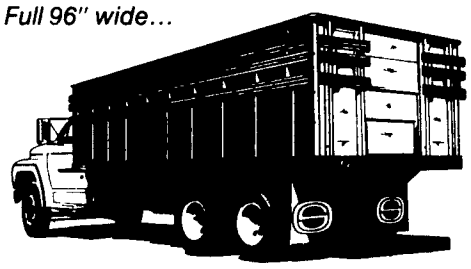

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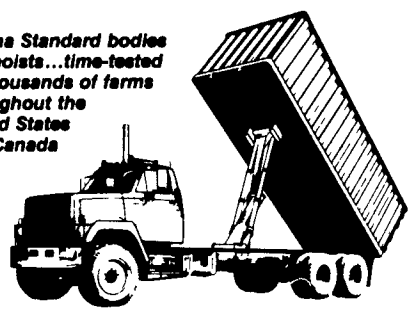

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For Sale - 60 acre farm, Schuylkill Co. with 12 room house in good condition. Bank barn, bordered by Trout Stocked Stream. Gravity water from mountain to house and barn. Spring house with running water, plus 2 extra streams. 717-768-8679.

TRUCKS & TRAILERS

1958 GMC V6401 5+4 trans. Runs good, can be fixed up or used for parts. 1964 Chevy tandem. Detroit diesel Long chasis 5+4 trans. Make a good grain truck. Needs some work. Runs good. Harford Co. 301-836-8906.

1976 White Road Boss 350 Cummins, wetline, Jake Fan-Clutch 10 speed with '69 Parker trailer 29'. Good grain rig. 1976 White Road Boss, 318 Detroit, Jake, wetline, 15-speed. Lycoming County. 717-323-4903.

1975 GMC truck 6500 series. Full air brakes, 1000x20 tires, will take 22 ft. body and would make excellent hay truck. 215-255-5211, after 6:30 p.m.

'82 GMC 3500 1 ton cab and chassis for 12' body, 350 auto PB/PS dual tanks, radial tires, 10,000 GVW 17,000 miles $7900. 717-733-2873.

'81 Ford Econoline van 6 cylinder, PS, PB, excellent condition, $4950. 717-733-2873.

'78 Ford Ranger, F150, half ton pick-up, 351 auto, PS, PB, 38,000 miles, $4250, 717-733-2873.

Aluminum dump trailer, 26', $6,500; Gooseneck trailer, 30', $2,250; Fruehauf cattle trailer, 38', $1,500. 201-859-2616.

IH trans. star, 318 engine, 13 speed, full screw tandum, sleeper, wet line, bought new (farmer) $5,800. 201-859-2616.

1969 D 1000 Dodge truck, 250 Cummins, recent overhaul, 10 speed Road Ranger, tandem axle, air condition and PS; 717-949-3074.

Snowmobile trailers, one for 4 units ($1495.), one for 2 units ($695.) Call 717-668-2706, D/N.

44' Drop Deck 9' spread on air; Heil 4600 gal. stainless steel tanker; 4 35' & 36' grain trailers; 1968 Fruehauf dump trailer 28' dump 29½' frame. 215-445-7561 or 717-354-4996.

1973 City 40' aluminum flat bed trailer, slider, 22" rubber, very good condition, $5,800. 717-943-2477 or 717-943-2891.

Dual wheel truck axle, air brakes with spring, 8-25-15TR, rubber 14 ply tires, 235 HP Ford truck motor and transmission, 5 speed. 717-264-3519.

'82 Chevy C30, dual wheel pickup, 454 4-speed, PS, PB, air, AM-FM, dual tanks, 10,000 GVW, radial tires, fiberglass topper, $8,400. Call 717-733-2873.

1974 IH CAB OVER
4070A, 13 SPEED
TRANSMISSION, 318
DETROIT DIESEL, PS,
SLIDING 5th WHEEL,
GOOD RADIAL TIRES
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REAL ESTATE

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds. 717-394-3047 or 717-626-1164.

96 Acre Dairy Farm, Oxford area, good house, bank barn, equipment shed, $250,000. Hayes Oxford 215-932-3092 - evenings call Jack 717-354-9534.

Farmette, 12.66 shares, for sale by owner. 717-259-9983.

FRANKLIN COUNTY - dairy and general farms, Koons Real Estate, Inc., 717-597-8300. Roger Wildeson R.E.S., 717-263-5702.

Farm for sale by owner - 140 tillable acres, 40 acres wooded, good flat Klinesville soil, lots of frontage on hard road, Columbia Co., write to Lancaster Farming, PO Box 366-D94, Lititz, PA 17543.

100 acre Southern NY farm, refurbished house, w/w carpeting, electric heat, wood stove, bank barn, machine shed, out buildings. Picture postcard setting. Valley inside a mountain. $69,000. 215-754-7316.

98 acres of level land, large bank barn, 2 houses, $120,000. 717-392-1177.

Dairy Farm - Madison Co. NY - 281 acres, 84 comfort stall, new pipeline and bulk tank, two 20x50 silos, machine and outbuildings, two homes, excellent condition, Call Details 315-662-7708.

Small farm in the Hegins Valley along route 25. Three bedroom house, plus large barn. If you would like a good setting for country and village life combined, call 717-682-9391.

Farm For Sale - Nice stone house, 9 room, 1½ baths, 150 acre limestone soil, 2 streams, 2 large bank barns, 3 silos, 41 tie stalls, horse or heifer barn, other outbuildings, $250,000/or make offer, for appointment call 717-776-7650.

Wanted to lease with possible opportunity to buy. Approximately 200 acres farm, equipment and cattle. 302-945-1112.

17 acre farm, north of Manheim, 4 bedroom house, barn, other buildings, in high state of cultivation, many options by owner, 717-665-5471.

Wanted to rent - dairy farm in Lancaster or Chester Co., write Lancaster Farming, PO Box 366, Lititz, PA 17543.

Save 10% by buying direct from owner, Two adjoining farms. 1) 265 acres, 70 stall barn, 2 silos, 1500 gal. tank, pipeline, 2 cleaners, 2 tool sheds, 2 car garage, 4 bedroom home, 2) 107 acres, 2 silos, drilled well and shed. Can be sold separately. Bradford County. 717-364-5529.

For Sale by owner: Mini-farm 49½ acres ⅔ in grass 1500 ft. road frontage convenient beautiful location South of Lynchburg, VA. Campbell County. $75,000 Terms 804-283-4752 after 6 P.M.

109 acre West Virginia farm 79 acres wooded, balance pasture. Excellent deer, turkey, grouse hunting. Remodeled home alum. siding, 2 barns, 2 car garage, hen house, cellar house "FREE GAS" low taxes. Owner financing at 10½% - $90,000. Call 1-717-442-4793.

GROW CHRISTMAS TREES - 125 ac. farm also suitable for vineyard, other crops, small stream, south of Carlisle. Owner financing, low down, 9% int. Call collect to Steve Ondek, 1-717-677-6753.

97 acre dairy farm, 3-year old free stall heifer barn, 2 silos, 4-year old machinery building, 9-room home, 56 cow barn. $95,000. 717-673-5946.

REAL ESTATE

183 acre dairy farm, 60 tillable, good water, good 9 room frame house, large bank barn, 32 tie stalls, out buildings, necessary machinery for farming. Located So-Huntingdon County along Rt. 35. Call Gerald Yohn 814-259-3469 after 6 PM. Financing by Owner.

For Sale - Building lots for sale in Schuylkill County. 717-768-8679.

For Sale - 67 acre general farm, near Reading, PA., 60 acres tillable, 4 bedroom house, barn, sheds, silo, ½ acre pond. Call for details, some owner financing, private, 215-693-5624.

Western Pennsylvania Dairy Farm for rent, also equipment for sale. 412-459-6799.

647 acre farm, unlimited water ½ mile of river frontage and lots of creeks. 300 + tillable, 125 wooded, approx. 220 pasture. Close to Mennonite communities, Leyden, N.Y. Remodeled 6 bdrm house. House and outbuildings $34,000. $300. per acre, will divide. 315-942-2174.

Farm for sale- 103 acre dairy farm, all clear, 24 stanchion milking barn, pipeline milker, 42 stanchion loafing barn, 40x50 calf barn, 2 silos, automatic feeders, 30x64 machine shed, 3 bedroom rancher, off Rt. 15 South of Gettysburg, $175,000, 717-334-0292.

For Spring Sale - 225 acre farm, Finger Lakes region, 130 acres tillable, stream, woods, 54 stanchion and tie stall barn, 2 silos, pipeline, 800 gal. tank, 8 room remodeled house, good milk market, $200,000. Cows and machinery extra. 315-364-8846.

For Rent - 70 acre farm. West Cocalico Township. Lancaster Co. Barn, House, $625 monthly. 717-733-3980.

For Sale by owner - 44 acre farm, Lititz area, 4 bedroom home, barn, silos, layer house, other buildings. Financing available to qualified buyer. Write Box 366 L-13, Lancaster Farming, Lititz, Pa. 17543.

Farm for sale - located on Rts. 522, Decatur Twp., Mifflin Co., approx. 91 acres, 75 tillable, two 2 story frame houses, bank barn, ideal for Christmas tree plantation, orchard or farming. Priced to sell. 717-374-9125 evenings.

Farm - approx. 50 miles west of Harrisburg, Pennsylvania - 242 acres, Monroe Township, Juniata County, approx. 120 acres tillable, frontage on 2 township roads; 1½ story frame dwelling house and barn, recently surveyed, contact Barner Swartz for additional information at (717) 589-3482.

139 acre dairy and poultry farm. Room for 60 cows. 40x400 2 story house now raising turkeys. Old farmhouse and new 4 bedroom home. Beautiful view over looking Susquehanna River, Sail Calvin Lockill, Dauphin Co., 717-896-8766.

2 Adjoining Farms For Sale - 2 sets buildings, very fertile productive land. Will consider trade on small farm equipped for hogs or able to change to hog operation. Owner will help finance. John Strawbridge. 301-996-2022.

For Sale - 104 acre farm near Hershey, 68 acres tillable, balance heavy timber, ½ bottom land, creek and road frontage. Old solid well built stone house, good barn. Asking $210,000. Call 717-944-1346.

For Sale by owner - 181.19 acre dairy farm, creek thru farm, approx. 90 tillable, 42 stanchion barn, drop cleaner, silo with unloader, milkhouse with bulk tank, feed bin, 9 rm., 1½ bath house, possible financing, $148,000, Bradford Co., 717-297-3923.

REAL ESTATE

For Sale - 114 acre grain farm, all tillable, highly productive soil, newly remodeled house, excellent location, Chambersburg area. Parksburg 215-857-3460.

For Rent - 110 acre dairy farm, West Cocalico Twp., 80 tillable acres, 32 stanchions, silos and feed bunk, 4 bedroom house. Call 717-866-6173.

For Sale by owner - Beautiful stone home, barn with pasture, Southern Lancaster Co., $160,000. 717-529-2571.

212 acres, 50 tie stalls, 20x80, 20x35 Harvestores, 16x50 concrete silo, pipeline milker, 800 gal. milk tank, 10 room house. Call 607-292-3857. Located in Finger Lakes.

FREE CATALOG! Describing numerous Pennsylvania farms, camps, acreage tracts, cottages, homes and businesses. Write Dept. LANCASTER FARMING, WEST REAL ESTATE AGENCY, INC., 5528 William Flynn Highway, Gibsonia, PA. 15044.

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365-acre farm in southern PA. with executive appeal; 2½ hours to Washington DC., Baltimore or Pittsburgh; lovely restored home; 7-rooms & 1½ baths; furnishings; 2 barns; storage sheds; gazebo; Artesian well; 2 flowing streams; fishing pond with pier & boat; all inquiries cordially invited. No. A-4785. Contact Paula Brown, Carol Bowman & Shirley Bouch, R.E.S., Office: (814) 623-8594.

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WEST REAL ESTATE AGENCY, INC.
FIRST CLASS FARM
Scenic Bedford area; 264 acres all fenced; 40 acres tillable; 90-pasture; 2 spring-systems; A-1 timber; 7-room 2-bath home in fine condition; first class barn; 2 machine sheds; storage shed; large poultry house; corn crib; all mineral rights. No. A-4789. Contact Paula Brown, Carol Bowman, & Shirley Bouch, R.E.S., Office: (814) 623-8594.

WEST REAL ESTATE AGENCY, INC.
FARM-TREE PLANTATION
Scenic McConnellsburg, PA. area; 150 acres; 100 tillable; 200 walnut trees; 300 larch; 400 Virginia pines; 9-room & bath home; 40x80 barn; outbuildings; 4000 ft. road frontage; seller willing to finance. No. A-6580. Mary T. Culler, R.E.S., (717) 485-3275.

WEST REAL ESTATE AGENCY, INC.
FARM WITH STONE HOME
Mansfield, PA. area; short drive to Hammond Dam recreation area; 59 acre farm on paved road; about 30-acres tillable; fascinating 7-room & bath stone home; furnace heat; 40x50 barn with stanchions; asking $74,200. No. C-7891. James Howard & Robert Storch, R.E.S., (717) 537-2400.

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REAL ESTATE

New York State dairy farm-Finger Lakes Region. First time on the market, 210 acres-144 tillable; 44x119' barn-41 tie stalls; 32x64' heifer barn; 24x24' milkhouse; 980 gallon bulk tank; 3 silos - 20x60', 14x60' Madisons, 14'x40' ribstone; all with unloaders; 20x24' shop; 1000 gallon diesel tank; 550 gallon gas tank; 90 ton corn crib; lovely 4 bedroom home with new kitchen, dining room, living room and full bath. Located north of Penn Yam approx. 8 miles. $220,000, F-46. Call Don Murdock for more details. Lake Valley Realty, 315-536-2480.

205.9 acres of land, 150 plus acres open, the rest is woodland. Road frontage. Chester Co., East and West Nantmeal Township and Wallace Township. 215-942-3154.

Veal farm, Mifflin County, near Belleville, 288 calf capacity, modern facilities, good income potential, only $79,000, 717-248-7331, weekdays, 717-899-6044, evenings.

Wanted to rent - dairy barn in southern Chester County area. Call 215-593-5438.

For Sale by owner - 70 acre farm in beautiful Morrison Cove, Bedford Co. All acres tillable, 36 tie stall barn, 2" stainless steel Universal pipeline, milking system, 600 gal. vacuum tank, 32'x132' bunk silo, 50 head Registered milking Holsteins, 36 Reg. Holstein Heifers, breeding age down, limited line of machinery. 4 bedroom farm house, w/w carpet, hot air oil heat, 2 wells. Immediate possession. 814-793-3180.

For Sale - 13½ acre farm with Nebraska type hog finishing unit for 640 hogs providing good monthly income, 3 bedroom house, barn, fruit trees, stream and pond. Lebanon Co. Call 717-949-3851.

57 acres meadow pasture for rent, Lebanon Co. Call 717-569-0416.

Wanted to lease - pasture land, would consider leasing entire farm. Send full details to Box D-116, c/o Lancaster Farming, P.O. Box 366, Lititz, PA. 17543.

96 Acre farm for sale - Union County, PA. New barn and machinery shed, 3 bedroom house. 90 tillable acres level to gentle southern sloping ground. Can finance. Call owner, 6:30 A.M. to 7 A.M., 717-568-7271.

150 acre dairy farm in Franklin County. 5 miles from Chambersburg. 7 room frame house. Bank barn with free stall shed. 20x60 silo with feeder. Milking stable with pipeline and tank. Other out buildings in good condition. Stream through property. Possession April 1, 1984. Write Box 366 J-301, c/o Lancaster Farming, Lititz, PA. 17543.

Bedford Co. Friends Cove, 50 cow dairy farm, 240 acres, 96 tillable, balance pasture and woodland. Hagerstown and Murrills soil, 4 bedroom old brick house partially remodeled, barn has 36 ties, plus free stall area, 650 gallon bulk tank, concrete barn yard, 40' concrete bunk, 2 heifer sheds, silos 20x60, 12x140 stave, plus 20x30 Harvestore, $275,000, 814-847-2833.

30 acres of land for sale, Bradford Co., ideal for hunting cabin, etc., 717-925-6939.

310 ACRE FARM
300 tillable, South Jersey, Cumberland Co., 2 houses, shop, outbuildings, underground irrigation, 8000' road frontage, 4 wells, $3000 per acre, call for brochure or appointment after 7 PM:
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REAL ESTATE

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$84,900 - 10 acre farm, must be subdivided. House has been completely refurbished. Large bank barn, summerhouse, other outbldgs. Assumable mortgage, owner financing available. (305746)

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199 A Limestone Farm on Marion Road, Franklin County Pennsylvania. Old stone house remodeled. Over 1 mile of Road frontage. Hagerstown soil. 3 floor Barn with pole shed attached, 3 hog barns. Lancaster silo. Located about 2 miles East of I-81 at Exit 4.

Would consider sub-dividing the buildings with 10 to 20 acres.

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No 1 Farm - 5 B R Stone & Brick house - Large Dairy Barn with stanchion plus loose housing Bulk milk tank Two Silos, stream thru pasture 65 acres $350,000 00 Additional land available

No 2 Farm - Frame house with 7 rooms and bath 65 Acres of choice land Needs Barn Additional land available Price $250,000 00

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113 acre dairy or general farm, 16 acres located in Lancaster Co Pa 85 acres tillable, 9 pasture, balance wooded Level land Good set of farm buildings

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12 acres No buildings Stream $46,500

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2 story brick colonial with 4 fireplaces, electric and wood heat, 4 large bedrooms, open foyer, 28x52 finished recreation room, office and waiting room. Extras! Heated concrete pool, jacuzzi, detached garage on 16 acres with small pond. Northeastern PA (Susquehanna Co.) 5 minutes to I-81 and Rt. 11. Excellent financing. Asking $235,000. For appointment contact **Wayne R. Adams Real Estate** R.D. 1 Box 116 New Milford, PA 18834

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74 acres, 50 tillable, some woods. Solid 4 bedroom house. 30x56 2 story barn w/new roof, 50x28 attached 2 story shed. Drilled well, private location. Sets well back from road. $40,000.00

Dairy Farm

260 acres, 175 tillable, 75 acres alfalfa. 4 bedroom house, new woodmode kitchen. Bank barn for 45 cows. 2 concrete silos. $125,000.00.

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#8 - 82 acres - 3 BR Home 14x40 Barn. So. Cayuga Co. A Good Starter $65,000

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★ **140 Acre Beef Farm** consists of 2 adjoining farms with large feedlot (1,000 head per year), 3 silos, 2 Harvestores, 1 conventional, beautiful stone home. Call for more details!

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103 cow free stall barn, Surge double 4 milking parlor, Dari-Kool 13,000 pound bulk milk tank, 20x70 poured concrete Star silo with new unloader and bunk feeder, 47 acres, implement shed, 2½ story farm house, Bethel Township, Lebanon County, Penna.

Price $190,000

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DAIRY FARM FOR RENT BEDFORD CO. PA.

130 cow tie stall barn with double six Boumatic parlor and 2000 gal. bulk tank. This farm has a total of 286 acres of limestone soil. It also has 2 houses, a swimming pool, and a big garage with a work shop. 2 25x80 Harvestores, and Slurrystore manure system. Available immediately. Call 215-378-1122 9 - 5, or evenings 215-267-3355.

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Farm, 100-200 acres - Southern N.J Beautiful 2½ story Modern Home 3 car garage, large barn - good out-buildings Large pastures - ideal for horses or cattle. Price negotiable - write for details and appointment to see Lancaster Farming, Box 366, R82, Lititz, PA 17543

Franklin Co. Farms

268 acres modern dairy w/double 6 parlor, 210 free stalls.

157 acres dairy, 36 tie stall barn & loafing barn, $157,000

105 acres general farm w/lovely home. make offer

95 acres grain farm, excellent land, modernized brick home

Also 100 acres of open land near Gettysburg w/70 acres tillable

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157 acre dairy farm, Limestone soil, freestall cow and heifer barns, everything you need. Large house with 2 adjoining apartments. Phone after 7 PM 717-437-2888

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60 acres, 35,000 capacity layer house, farm house, bank barn, 2 approved mobile home hookups, room to expand in quiet rural setting of dairy farms.
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221 ACRE FARM

2" stainless steel pipeline, tank, 3 silos, overlooking Seneca Lake. Price greatly reduced for a quick sale. Owner financing.
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Beef Farm - 145 Acres, Clinton County. Two story four bedroom home. 130 ft. x 50 ft. metal barn plus equipment sheds. Equipped for one man operation. Owner retiring, will sell all equipment & stock Will finance with low interest rate. For details call "Star Real Estate" Lock Haven, Pa 717-748-9519.

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A Family Farm to Fulfill A Modern Farmer's Dreams

Fantastic brand new showcase dairy facility ties 53, plus youngstock section with self-feeder, mow dryer, 2" line Spotless milk house boasts built in generator & ultra milking system, 1000 gallon tank 2 silos, 2 Patz cleaners Huge equipment building Great Colonial home All star 50% Reg Holstein dairy or over 90 head w/19,000 lbs av Super machinery line-up All this situated on 235 acres 183 tilled finest alfalfa soil Grows and grinds grain here $395,000 complete with all feed $265,000 Bare Possible terms to super candidate

B.O.F.S. = ?
(Best Owner Financed Free Stall)
Will be sold before Spring

Looking for a clean modern F S facility that's affordable? Stop looking! All steel frame complex built in '70 w/double six herringbone parlour handles 100 head Over $17,000 invested in new milking system plus new 1500 gallon tank 3 silos includes 2 Harvestores Clay self feeding system New 52 stall heifer complex w/bunk feeding Special setting on 242 acres excellent soils 3 ponds Super Colonial home Great terms here $65 000 down Let's talk Bare or stocked & Equipped price with 150 head holsteins and top line of machinery available

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An exceptional property for breeding and raising horses. 126 acres. Brochure upon request.

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#404 - 340 acres, 215 tillable, big fields, lays nice, choice soil, no stone. Very nice two family home, also 3 bdrm. mobile home. 76 cow tie stall barn, freestall with bunk-feeder for 32 cows. Also loose housing for 40 head. Bunker silo and 18x50 and 20x70 upright silos, pipeline, 1000 gal. tank. Heated shop, large machinery storage. $260,000. This is a very good farm with financing available.

We sell only farms through-out Central N.Y. We have several very nice free stall operations available. Please call for appt. Free farm list on request.

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BEAUTIFUL FINGER LAKES AREA

221 acres, 58 stanchion barn, pipe line, tank, cleaner, 3 silos with unloaders, 9 room home.

75 acres, 5 acres vineyard, 3 bedroom ranch with full basement, 1 mile from town.

121 acres, small barn, 9 room home, natural gas.

66 acres of level alfalfa land, barn, large pole barn, presently carrying sheep, 6 room home with full basement, wood furnace, oil furnace.

95 acres, 60x60 pole barn, 8 room home.

Also other farms - all sizes and types.

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Dairy Show Place - 156 acres Hagerstown limestone soil 44 tie stall barn w/pipeline milker Patz stable cleaners 1000 gal bulk tank 16x50 sealed silo w/bottom unloader 44 free stall barn w/64' feeder 20x60 silo implement storage beautiful stone and frame dwelling 20x40 inground pool a dairy family's dream farm plus 12x60 mobile home for hired help

176 Acre Dairy 100 crop acres 40 tie stalls manure pit 2 silos implement storage modern 4 bdr brick dwelling

FRANKLIN CO.

160 Acre Hog farrow to finish lagoon 95 tillable acres farm pond road frontage 4 bd brick dwelling

100 Acres M/L 70 crop land 30 wooded with stream No buildings 3000 ft road frontage $1 600 per acre

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112 acre farm, beautiful setting, approx. 85 tillable acres. 4 bedroom home, large bank barn, Owner financing - may be divided.

185 acres: 2 homes, good fishing creek through property. Approx. 3 miles from I-80. 80-90 acres tillable, balance woodland, borders state lands.

Farmette near Loganton, 3 bdrm home, garage, barn, fenced pasture. Over an acre, $29,000.

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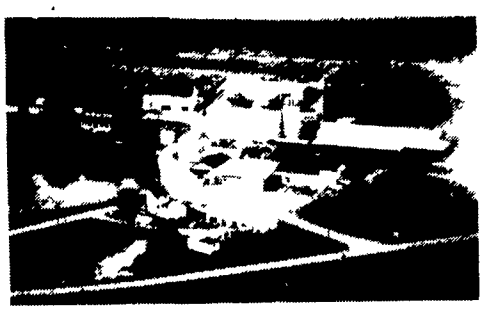

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140 + Dairy Farm and Meat Market in Northampton County Dairy buildings consist of 12 cow Herring Bone milking parlor with 2 1 000 gal milk tanks complete milk processing plant for jug milk with full line grocery and meat market store also a federal inspected slaughter house with all equipment plus portable smokehouse 5 Har vestore Silos with automatic feeding system

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127 acre general farm — 6 B.R. brick dwelling, bank barn, and other out buildings in very good condition Just needs a dairy stable Super financing available

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Willow Street Office
464-4700

CENTRAL PENNSYLVANIA FARMS, FARMETTES, LAND & CABINS

We presently have one of the largest selections of farms, farmettes, land and cabins available in central Pennsylvania. We have over 50 exclusive listings.

Our Farm and Land Department would be happy to mail a free, detailed farm and farmette list or land and cabin list to you.

See the January 21 and February 4 issues for a complete farm inventory

FARM AND LAND DEPARTMENT

Fred Strouse (814) 364-1705 (Lewisburg) Larry W Platt (717) 568-5563
Don Myers (814) 422-8111 (Bedford) Richard D Read (814) 839-4271
Mel Rockey (814) 466-6688 (Huntingdon) Rachel Port (814) 669-4194

KISSINGER LEONARD & BROWER Realtors

Frederick J Kissinger, Realtor
William H Leonard, Realtor
Ralph F. Brower, Realtor
245 S Allen St ,
State College, PA 16801
(814) 234-4000

FARM AVAILABLE NOW

120 acres, 20 mile from Carlisle, nice level fields, several ponds and stream for irrigating, large bank barn and house with all improvements, large mobile home on property, owner will offer financing. Call 717-249-1165 after 5 PM

You Need to Call Now On This Dairy Farm

50 Stanchion Dairy in modern round roof, 2 story barn; 2 concrete silos - the original bank barn in good condition. Providing all the box stalls you need for heifers and dry cows. The house - 2600 Sq. Ft. of beauty. Try this for kitchen and dining area - 22'x30' plus a new summer kitchen 12'x17' and even the bedrooms are large, 2 of them being 12'x20' each. The meadow has a small stream flowing through it and a beautiful farm pond just 75' from the house. All of this on 137 acres of which 100 are good tillable acres. Total taxes are only $775. Financing available and price to sell now.

FARM & HOME REAL ESTATE
Smoketown, PA
717-291-2270

Sylvester Baum, Carlisle, 717-776-3967
Harlan Keener, Willow Street, 717-464-2669
Mahlon Oberholtzer, Lancaster, 717 392 1177

Broker J Irvin Denlinger
717-898-8962

TIOGA COUNTY
DAIRY OR FARMETTE

Farm set up in Liberty area for Dairy. Remodeled like new 40 cow barn, w/barn cleaner & 16x50 silo Could be purchased with or without glass pipeline, silo unloader & Mueller Bulk tank. Tastefully decorated 2 story farm house w/central oil heat Country kitchen w/woodstove, some hardwood floors, 4 or 5 bedrooms, spacious living room Could be retirement getaway W-777 $70,000

71 ACRE FARMETTE IN MORRIS TOWNSHIP

Used to be dairy until barn recently burnt. Nice partially remodeled 2 story farm house, 4 bedrooms, country kitchen, dining room, family room & bath. Has tremendous views behind house and from other parts of property. Includes heated workshop. Could be subdivided into 2 or 3 parcels if necessary. Excellent hunting area, close to State Lands, could be summer house or camp. W-768 $64,500

Century 21®

THE REAL ESTATERS OF WELLSBORO
120 East Ave., Wellsboro, PA 16901
717-724-5921
Call or write for free list.

NORTHCENTRAL, PA. FARMS & INVESTMENTS

Priced To Sell

250+ ACRE DAIRY FARM

Approx 180 tillable, 66 tie stall barn in 3 rows Pipeline w/800 gal. bulk tank 20x60 silo w/unloader Mow conveyor. Heifer barn and machinery shed Remodeled 4 bdrm home Approx $130,000 of existing FLB & FHA farm loans Fall possession Priced right at $165,000 M-603

BEEF/HORSE FARM

For the gentleman farmer or year round operation. 128+ acres with good barns and 3 bedroom house. Pretty setting. Lots of hay ground, much more. $65,000 with terms. Approx. 7 miles into N.Y. M-578

THE Real Estaters

Offices: Area Code - 717
Tioga, Potter & Bradford Counties call or write
MANSFIELD, RD 1, Box 41 662-2138
TOWANDA, Bridge St 265-3171
OUR #1 AIM IS SERVICE

3 BR RETIREMENT
starter home small village garage $33,000 (M1580)

Camp
walk to State Land $10,000 (M1549)

20 ACRES
open/woods/views $10,000 (M1350)

FARM
½ river bottom flat, 66 ac, house, barn Excellent terms for someone who needs help getting started $15,000 down, 20 yrs, 10% interest, $66,000 total, $492 16/mo (M1500)

295 ACRES
open / woods / stream / pasture/fenced Own it all or subdivide Very private views $149,500 Terms Make a cash offer! (W588)

FREE LIST PHONE OR WRITE

ERA-Homestead Realty
267 S. Main St.
Mansfield, PA 16933
717/662-3287

GEODESIC HOME
on ski slope & private air strip A superb retreat, $59,500 (W766)

5 AC. RETREAT
near lake & State Land Beautifully remodeled, country living, $55,900 (W762)

108 ACRES
woods / open / stream / terms Your chance for a retreat or homestead Won't last $54,000 (W748)

150 AC FARM
remodeled home, barn 2nd home is original log cabin Terms $128,500 (W539)

47 ACRE
mostly wooded retreat hard road $19,500 (W561)

FREE LIST LAND/HOMES /FARMS/COMM

ERA-Homestead Realty
23 E. Ave.
Wellsboro, PA 16901
717/724-7161

MOBILE
and 2 acres near state lands 12x65 with addition Great views Owner anxious to sell $18,350 (D250)

NEW YORK FARM
165 acres 100 tillable stream & strings House in fair shape Needs some TLC $50 000 (D305)

SECOND HOME
or to retire 10 acres large barn, and 3 bedroom double wide Near the new lakes Reasonable $29,500 (D295)

ERA-Homestead Realty
168 W Main St
Westfield, PA 16950
814/367-2222

ERA

REAL ESTATE

FARMS FOR SALE
CHESTER COUNTY
NEAR OXFORD

190 acre dairy farm, 150 acres tillable. Will sell less acreage. Choice Farm: one of the best producers in Chester County. Amish area. 3 houses on the farm. No. 1) House extra nice brick house, bath. No. 2) House has 15 rooms and bath, both houses have conveniences. No. 3) House is a tenant house, bath. All houses have 2 car garages. Large Dairy Barn, 40 stanchions, also a large loafing area, building for cows adjoins the dairy barn, 2 large silos 20x70, both have silo unloaders, 2 smaller silos, large milk bulk tank, barn cleaner, milk house, corn barn, large 38 acre meadow, large never failing stream adjoining the dairy barn, good well on the farm, Small woodland. priced to sell. Owners financing. Also a dairy store and jug milk operation included in this sale of the farm. We will sell with or without dairy store. Also a cheese plant for sale in Maryland.

102 acres general farm between Oxford and Quarryville off Route 472 large barn, house, silo, approx. 70 acres tillable land. Large never failing stream and large meadow adjoining barn, 3 acres of woodland, some large trees, nice long fields only 4 miles to Oxford. Possession on or before April 1, 1984. Only $2500. an acre on this farm.

SOUTHERN LANCASTER COUNTY

100 acre general farm approx. 80 acres tillable, many possibilities near Little Britian School. No barn. Only $1800 an acre. Possession on or before April 1, 1984

Call
Maurice E. Lehman Broker
Phone 717-394-2460 or
Daniel E. Snader, Agent
Phone 717-656-7789

REAL ESTATE

SOUTHERN NORTHUMBERLAND CO.
& SURROUNDING COUNTIES

300 steer feed lot, 20x50, 20x50, 20x30 Harvestores, Large shop, Large bank barn w/silos, 2 homes, 100 acres. Was 60 head free stall dairy, easily converted back, $169,000. Additional 100 acres available. Call Peter.

70 acre farm, 60 tillable, home and barns, nice setting, Halifax, $110,000. Call Peter.

150 acre, 115 acres tillable, 200 steer feed lot, silo, 10,000 bushel grain storage, 125x30 machine shed, 2 nice homes, $199,000. Call Peter.

70 acre, new 100' modern hog setup, 50' Harvestore, large machine shed, large bank barn, 30,000 bushel grain storage. $65,000 home. Appraised for over $250,000. Sale $129,000. Call Peter.

102 acre farm, 65 tillable, 4 bedroom home, barn, pond, stream, $139,000. Call Peter

60 acre farm, lg. home, wood or oil heat, bank barn, small orchard, $69,000. Owner wants to sell, make offer. Call Peter.

137 acres, new horse stable, butcher shop & machine shed, large bank barn set up for sheep, pasture w/pond, 60 tillable, $150,000. Call Peter

600 acre farm, 400 tillable, large grain setup, $850,000. Call Peter.

400 acre farm, beef & broilers, 390 tillable, $800,000. Call Peter

400 acre grain and vegetable farm, large quantity of water for irrigation, new barns, extra nice home, 220 tillable, large quantity of low rent ground available, $500,000. Call Peter.

50 acres of farm and woodland, stream, $39,000. Can be bought with no money down. Call Peter.

PETER B.
CORTELYOU
Real Estate Herndon, PA 17830
Peter B. Cortelyou, Broker 717-758-9177
Ralph Deibler, Salesman
717-692-2587
Ralph has country homes and taverns.

REAL ESTATE

WANTED

Farm in Honeybrook Elverson Area

I am asking party that has 200 acres to call in again

NORTHUMBERLAND CO.
Dornsife, Pa.

Nice 3 bedroom house, dishwasher, electric range, more than 14,000 sq ft chicken house, 1st floor concrete, ideal for pigs or steers, elevator, heating system in part, frame bank barn, work shop with daylight basement, 2 car garage on 2 acres East of Dornsife Rt 225

MANHEIM
Lancaster Co.

60 ac general farm, 8 ac pasture w/stream stripping room & cellar

NITTANY VALLEY
AMISH AREA

112 acres general farm limestone, 60 acres farmed more can be farmed 28 acres pasture owner financing $165,000

Donald R. Witwer,
Broker
Ephrata, PA
717-738-1458

REAL ESTATE

REAL ESTATE

#427 Cobleskill 180 acres with 120 tillable. Very good colonial home. 58 cow freestall barn, double 4 parlor, 2 silos, equipment shed. Attractive setting - Come take a look.

#426 Best Agricultural area 400 acres 200+ level productive acres. Excellent home. Remodeled 58 cow barn. 50 head y.s. barn, 3 concrete silos 20x30 Harvestore equipment shed. This is an excellent farm for $275,000 Liberal assumable mrtg.

#432 Very nice 190 acre farm with excellent land in a top notch area. 60 cow barn plus outbuilding. 4 bedroom Colonial home. Retiring owner will offer very liberal terms and price.

We have many more plus several large farms to rent.

Country Boy Realty

140 East Main
Cobleskill, New York
518-234-4371

165 Main STreet
Cooperstown, New York
607-547-2503

Alton Makely, President Phil King Farm Sales Manager Don Burton, Farm Sales Specialist

LET'S TALK FARMS

Dairy set-up 1½ hour from Lancaster area, 230 acres operating, 20x60, 16x50 silos, pipeline, nice home excellent water supply, accessible to Mennonite Schools & Churches. Off Rt 35, price $275,000

Small vegetable farm possibility, stream, spring, 21 acres ½ open land, remaining woods, large 2 story, 2½ bath, 2 stairs, wood w/oil HW back-up heat, well insulated home, older barn, needs work, quiet setting, short drive to turnpike & 222 By-Pass. Lanc.-Berks area. New Listing.

York Co. below Norman Wood Bridge, 135 ac. grain farm, large stone home w/character, owner says sell, owner will negociate to your advantage.

140 ac. abundant spring, gravity fed to bldgs., fine 2 story, 2 bath home, pleasant setting, Mennonite School & Churches nearby. McAllisterville area, Juniata Co.

NORTHEAST OF EPHRATA

64 tillable acres, stone 2 family home, barn, corn barn, shed, pond, etc. Nice setting in Lanc. Co. Just off Rts. 222 and Turnpike This farm will be sold, price is nego. Call today!

SOLANCO

60 Acres, 16 stall horse barn w/tack room 2 story 4 bedroom, 2 bath home w/2 car garage, mobile home adds additional monthly income 30+ tillable, woods & fenced in area Call today, $165,000

FOR THE HARD WORKING FARM FAMILY

West of Lancaster, beef, hog, veal and tobacco sheds, make this a very special general farm Colonial 1880 brick exceptional home Be sure to call for information

Look! Horse lovers! 8½ Acres Beautiful secluded hideaway. West of Buck off of 372. Almost new neat brick air cond. home overlooking pond and woods. Dandy barn. Under $90,000

Small starter dairy w/76 stalls, pipeline, 3 silos, operating, southern Tioga Co

189 wooded ac along Penns creek, $84,900

KINGSWAY REALTY
REALTORS
1770 Oregon Pike
Lancaster
Phone: 717-569-8701
or Ephrata 717-733-3344
REALTOR

LEBANON COUNTY FARMS FOR SALE

LEBANON COUNTY, PENNSYLVANIA

91 Acre dairy farm, R D #2 Annville 2½ story vinyl sided farmhouse, bank barn with 31 stalls, 20x20 tile milkhouse, 30x40 steel building, implement shed, 3 car block garage, a long macadam lane,, private setting, about a mile of road frontage,, pond, $230,000 call Nelson Ebersole 717-867-4487

61 Acre dairy farm, Swatara Township, Lebanon Co Dairy barn wtih 30 comfort stalls, universal glass pipeline system, 700 gallon bulk milk tank, Patz gutter cleaner, two 16x60 concrete stave silos, 40x80 and 28x56 cattle buildings which house a 70 foot automatic bunk feeder, 40x50 implement building, 2½ story farmhouse. PRICE $180,000 TERMS $45,000 down the seller will finance the balance at 10% for 15 years monthly payment $1451 25 Call Nelson Ebersole 717-867-4487

47 Acre dairy farm, 103 cow free stall barn, Surge double 4 milking parlor, Dari-Kool 13,000 lb bulk milk tank, 20x70 star poured concrete silo with new top unloader, automatic bunk feeder, 2½ story farmhouse, 36x60 concrete block implement shed, BETHEL TWP, Lebanon Co PRICE $190,000 TERMS $95,000 down owner will finance the balance at 10% for 20 years monthly payment $917 70 Call Nelson Ebersole 717-867-4487

130 Acre dairy farm, Schaefferstown Lebanon Co 115 foot long 70 cow tie stall barn, 800 gallon bulk milk tank two 20x60 silos highly productive limestone soil large 19th century limestone farm house Price $595 000 TERMS $155 000 down seller will finance the balance at 10% for 20 years monthly payment $4250 40 Call Lee Reddinger 717 949-2243

30 acre hog farm complete farrow to finish operation, 28x72 farrowing house 30x80 bank barn, tobacco barn various other buildings, 4 bedroom 2½ story farmhouse, South Lebanon Twp, Lebanon Co, Rich high producing limestone soil Price $165,000 Call Lee Reddinger 717-949 2243

10 acres and a tobacco barn Jackson Twp Lebanon Co Rich limestone soil owner reports 170 bushels of corn per acre last year Located along Rt 422 just west of Myerstown, Price $65 000 Call Lee Reddinger 717 949 2243

CALL OR WRITE FOR BROCHURES ON ANY OF THE ABOVE PROPERTIES

SUBURBAN REALTY
30 West Main Street, Annville, PA 17003
(717) 273-9358 (717) 867-4487

DAIRY FARMS...

106 ACRE DAIRY FARM... excellent facilities, top producing tillable soils Don't miss out - it has all the extras!!!

128 ACRE DAIRY FARM... 106 tillable, good pasture and stream, excellent dry cow - heifer facilities, 4 stave silos - we can make it work for you!

97 ACRE DAIRY FARM ... free stall and parlor, 3 Harvestores, plus 2nd farm for rent with purchase Possible terms for good qualified buyer!

RICH BRANDT FARM REAL ESTATE
2230 5th St. Highway, Reading, PA 19605
(717) 274-3622 - office - (215) 378-1122

OLD DAIRY BARN OR POULTRY HOUSE

Paying Taxes and Insurance on a building with no return? Turn it into a profitable venture with little investment:

Send Information to:

FORSTER TECHNIK
BOX 100
ASBURY, N.J. 08802

Name _____

Address _____

City & County _____

State _____ Zip _____

Dimensions of Building:
Length _____ Width _____

HIGHLIGHTS OF THE [illegible] 1984 PROOFS

From: Sire Power INC

6 Bulls Over +1000 P.D. Milk

14 Bulls Plus On Test

9 Bulls Plus On Protein

[illegible] Over +100 P.D. Type

HOLSTEIN SIRES PREDICTED DIFFERENCE AVERAGES:

29 Bulls +728M -.01% +24F +$88 Rpty. 80%
Predicted Difference Type: +.85 Rpty. 79%

CODE	NAME	DTRS.	HERDS	DAUGHTER AVG. MILK	%	FAT	PREDICTED DIFFERENCE MILK	%	LBS.	F	LBS.	%	LBS.	P	LBS.	HFA PDT	% RPT
9H584	Cal-Clark Board CHAIRMAN	77	62	18574	3.6	670	+1502	-.06	+43	+170	82	-.02	+43	+164	71	+1.83	82
9H625	Fivebrooks STARFIRE	67	57	19283	3.5	669	+1411	-.07	+36	+155	79	-.09	+26	+131	71	- .14	82
9H599	Sunny-Craft Chief SPIRIT	67	52	18067	3.8	682	+ 793	+.13	+53	+142	80	-.02	+22	+137	66	+1.03	80
9H176	Letters Burkgov TRUMP	3386	1234	18438	3.6	671	+ 905	+.03	+38	+123	99	+.03	+35	+131	98	- .11	98
9H589	Reu-Hel Farms Chief STANDARD	53	50	18308	3.7	680	+ 637	+.09	+39	+108	76	+.02	+26	+115	62	+1.24	78
9H628	Rynd-Home Excel SENSATION	58	48	18664	3.5	652	+1101	-.10	+21	+107	75	-.09	+15	+ 81	65	+ .42	79
9H626	Brownking SAUL	45	42	17969	3.6	644	+ 864	-.01	+29	+105	71	-.01	+25	+102	63	+1.79	73
9H587	Ivajen LONE RANGER	44	40	17687	3.9	681	+ 406	+.15	+42	+ 96	73	-.02	+10	+ 94	56	+1.10	74
9H652	Retso LOYAL Kirk	48	37	18373	3.6	657	+ 810	-.02	+25	+ 95	70	-.02	+22	+ 90	66	+ .58	71
9H107	Arlinda JET STREAM-twin	14968	3475	18596	3.5	649	+1062	-.13	+15	+ 94	99	+.06	+36	+ 96	99	+ .46	99
9H801	RECKERS Freedom	40	26	18237	3.6	648	+ 653	+.04	+30	+ 95	87	-.06	+12	+ 82	65	+ .23	68
9H643	Art-Acres HAGER	69	45	18005	3.6	640	+ 871	-.06	+21	+ 82	77	-.04	+19	+ 81	66	+ .43	81
9H581	Ken-Ric Marcus NEIL	47	42	19430	3.6	650	+1339	-.24	+ 8	+ 91	74	-.10	+20	+ 82	66	+1.08	75
9H619	Coldsprings HELIOS	83	55	17322	3.6	623	+ 708	+.05	+25	+ 93	81	+.03	+27	+ 95	92	+ .21	79
9H794	Coldsprings IRA	63	22	20875	3.7	773	+ 478	+.06	+32	+ 88	60	+.04	+23	+ 96	62	+1.51	63
9H608	Coldsprings HAMLET	50	44	18389	3.4	633	+1079	-.17	+ 5	+ 83	74	+.00	+34	+ 82	68	+ .18	76
9H653	Pep-L-Lea Milu SPARKY	42	35	17383	3.7	635	+ 869	+.04	+27	+ 83	66	-.03	+13	+ 76	62	+ .64	48
9H658	Junge STARLITE	70	49	17240	3.8	661	+ 243	+.17	+38	+ 81	75	-.06	+ 3	+ 75	70	+ .63	76
9H657	Bonnyside Coldsprings IAN-twin	66	50	18007	3.5	624	+ 882	-.10	+13	+ 79	74	-.03	+22	+ 71	69	+ .06	76
9H196	Shardale Arlinda Chief JEMINI	6432	2238	18336	3.7	680	+ 347	+.10	+31	+ 78	99	-.06	- 3	+ 57	95	+ .83	99
9H557	Killdee Astrochief Wiseman	107	78	17342	3.7	637	+ 472	+.04	+27	+ 73	86	-.01	+14	+ 72	67	+2.07	84
9H630	El-Bert Elevation SNOWMAN	99	68	17788	3.5	622	+ 706	-.06	+16	+ 73	84	-.06	+14	+ 62	71	+ .58	72
9H576	Remvale Elevation SAXON	82	55	17600	3.7	659	+ 269	+.12	+30	+ 69	62	+.02	+14	+ 75	59	+ .32	75
7H58	Round Oak Rag Apple ELEVATION	53,763	10124	18407	3.7	672	+ 385	+.05	+22	+ 64	99	-.01	+ 9	+ 60	99	+2.16	99
9H635	Pack-Herd BUNKY BOO	90	73	18431	3.5	638	+ 817	-.12	+ 7	+ 64	65	-.03	+26	+ 68	76	- .03	85
9H622	Breezyview Job Royal STEWART	82	69	17474	3.7	639	+ 482	+.04	+19	+ 63	62	+.02	+15	+ 63	56	+2.02	83
9H614	Junge J S SCOUT	78	64	17826	3.5	621	+ 742	-.14	+ 1	+ 59	81	-.05	+17	+ 55	59	+ .26	82
9H561	Pack-Herd Elevation TERENCE	82	67	17525	3.7	648	+ 237	+.05	+29	+ 52	85	+.02	+ 7	+ 56	45	+1.67	77
9H574	Dorloy Monitor DINO	60	48	18088	3.6	650	+ 345	-.03	+ 9	+ 51	86	-.04	+ 1	+ 50	53	+1.48	78

All USDA Sire Summaries based on PD82 Genetic Base.

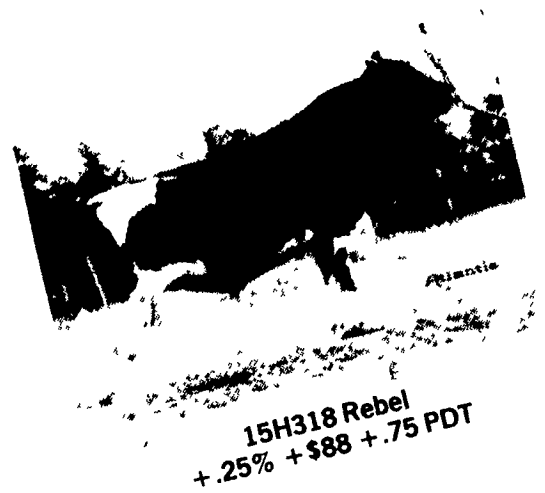
Sire Power semen is available from your Sire Power Technician, Sire Power Direct Herd Representatives or District Sales Manager

January 1984 Holstein Sire Proofs

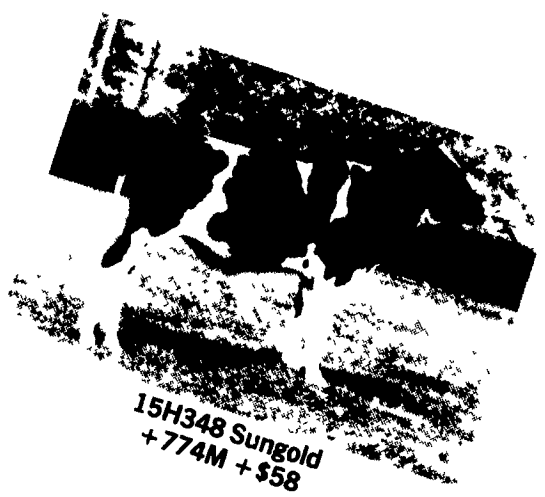
Atlantic Genetic Leaders

15H341 Stewart
+$119 +734M +1.40 PDT +.09%

15H344 Basic
+1.87 PDT +$95 +711M +.02%



15H318 Rebel
+.25% +$88 +.75 PDT



15H348 Sungold
+774M +$58

SIRE		NO. DAUS.	NO. HERDS	PREDICTED DIFFERENCES MILK	TEST	FAT	VALUE	EFF D/H	RPT	HFA PDT	TYPE RPT
				— HOLSTEINS —							
1H238	ELECTRA	82	49	+1,190	−.12	+20	+$111	3	80%	+1.45	68%
1H266	PENSTAR	3,835	1,148	+ 676	+.06	+35	+$103	8	99%	− .34	97%
1H290	WILLOWVATION	68	51	+ 797	+.02	+33	+$108	2	77%	+1.69	73%
1H320	CHARLIE	23	13	+1,117	−.13	+17	+$101	3	47%	+ .38	56%
1H385	ACE	336	121	+ 609	+.10	+39	+$106	6	93%	+1.45	82%
8H90	LANNIE	37	29	+1,126	−.10	+22	+$110	2	62%	+1.12	66%
15H123	ROCKET	17,231	4,263	+ 995	−.11	+15	+$ 89	14	99%	− .82	99%
15H180	SUPERIOR	6,953	2,152	+ 552	−.12	− 2	+$ 32	9	99%	+ .80	99%
15H192	TITAN	1,070	564	+ 501	−.10	+ 1	+$ 34	3	98%	+ .69	94%
15H202	MARINER	887	494	+ 895	−.12	+10	+$ 75	3	97%	+ .60	89%
15H203	BOOTS	1,263	587	+ 436	−.02	+12	+$ 48		98%	+ .25	95%
15H221	MANDATE	63	50	+ 475	−.05	+ 9	+$ 46	2	78%	+ .47	61%
15H231	VERY	744	432	− 43	+.30	+50	+$ 83	3	97%	+ .63	93%
15H247	FOREMAN	37	35	+ 540	−.13	− 3	+$ 30	1	71%	+ .66	51%
15H252	GANGSTER	49	40	+ 469	−.01	+15	+$ 56	1	75%	+ .71	63%
15H253	SIDNEY	45	37	+ 991	−.24	− 9	+$ 48	2	72%	− .83	59%
15H277	STARMATE	52	45	+ 85	+.20	+38	+$ 70	1	75%	+ .51	69%
15H290	ATTRACTION	61	56	+ 525	−.04	+12	+$ 54	1	78%	+ .48	73%
15H293	SUNDANCE	27	22	+ 720	−.02	+23	+$ 86	1	60%	− .82	55%
15H297	KURT	56	44	+ 775	−.15	+ 1	+$ 51	2	74%	+ .16	62%
15H316	GAMBLER	33	26	+ 407	−.10	− 3	+$ 21	2	63%	+1.16	60%
15H318	REBEL	22	19	+ 97	+.25	+48	+$ 88	1	52%	+ .75	57%
15H333	MOZART	30	26	+ 6	+.21	+37	+$ 64	1	59%	+ .23	58%
15H341	STEWART	47	42	+ 734	+.09	+42	+$119	1	67%	+1.40	67%
15H344	BASIC	56	48	+ 711	+.02	+29	+$ 95	1	71%	+1.87	70%
15H348	SUNGOLD	22	22	+ 774	−.13	+ 5	+$ 58	1	51%	(No type summary)	
15H358	MAGIC	32	32	+ 385	−.06	+ 3	+$ 30	1	58%	+1.55	61%
15H365	DEMAND	20	18	+ 626	−.10	+ 5	+$ 49	1	46%	(No type summary)	
15H452	MIL-NOR	43	37	+ 393	+.02	+17	+$ 54	1	71%	+1.85	70%
17H387	SIMON	94	67	+ 748	+.00	+27	+$ 94	3	82%	+1.09	68%
17H390	JADE	136	96	+ 630	+.12	+45	+$117	2	88%	+ .66	75%
17H417	SAMSON	108	66	+1,308	−.19	+11	+$103	3	80%	+ .14	76%

Atlantic's January 1984 line-up is out and it includes milk, test and type improvement! To take advantage of this outstanding selection, contact your Atlantic representative today.

January/1984 proofs are based on PD/82

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Look into Futures

By Ross McCausland
THOMSON MCKINNON SECURITIES INC.
(301) 685-1100

January 24:

The February live cattle contract on the Chicago Mercantile Exchange reached a high of $71.80 on January 17 and has since declined to a trading range close to $70.00. Is this the end of the bull market which began in October at $58.50 or just a consolidation of prices for another upward move.

Maybe a look at the past will give us some idea as to the future direction of the market. Severely cold weather and snow caught the mid and far West by surprise in October. Not that they don't expect cold weather but rather that it began a month earlier than usual. The lack of good weight gains by cattle became not nearly as important as to just keeping the animals alive. In addition, difficulties in moving the cattle to market forced buyers to pay up so that cattlemen would continue shipping the animals to meet the Thanksgiving and Christmas demand. Christmas has come and gone but prices are still higher - why? The feedlots are very current. There are relatively small quantities of prime and choice available to market which creates a premium for these animals. In addition, feeders are able to make a profit by shipping light weight cattle at the current price levels and they are doing just that. So, we have a double barreled support for cattle, the first; limited fat cattle, the second; marketings of light cattle to keep the supply from backing up the market.

There are two possible scenarios to this situation. The first, continued light kills such as the 130,000 animals slaughtered Monday, January 23, indicating that feedlots are still current, combined with a spell of mild wet weather and thigh high mud, could push this market above $74.00. The second scenario involves a failure by the market to maintain prices above $68.50, coupled with mild dry weather and consumers resistance to red meat purchases at higher prices. Bear in mind, that with steer beef trading at $108 to $109, packers are in the red and have little incentive to be aggressive buyers.

The hog markets have been behaving in a pattern parallel to the cattle except that the market still does not know to what extent the drought of 1983 effected farrowings. The April hog futures have been trading at a $3.00 to $4.00 discount to February, as buyers expected an increase to supply during the March and April period. Are these forecasts accurate? Watch the hog kill over the next two weeks for an increase in slaughter and pork products in cold storage. The January 23rd slaughter was 301,000 animals versus 297,000 a year ago. Clean roads and mild weather coupled with $50 hogs should increase the supply of hogs, if they are really out there. If kills remain light, look for the market to be supported at these levels and to possibly trend higher.

The real surprise this week is in the grain markets. Friday the 13th of January, the USDA released the final 1983 Corn Production Report, soybean production was up 3.9% from the November report, and corn production was up 1.9%. Over the next five days we saw soybeans drop 50 cents and corn 5 cents. Monday, January 23, the USDA released the grain and soybean stocks report which to everyone's surprise indicated a substantial decline in soybean and corn stocks on hand, of January 1. The actual figures were 4,928 million bushels of corn and 1,291 million bushels of soybeans. This has resulted in a limit more upward in both the corn and the soybeans, on January 24. These figures put the soybean supplies at about the same level as they were prior to the January 13 report, so don't necessarily expect soybeans to trade above $7.90.

The corn stocks as of October were 3,140 million bushels which did not include the 1983 harvest. 4,928 million bushels includes the 1982 carryover plus the 1983 harvest, minus usage up to January 1. Unless we see a rationing of demand, the corn supply will be very tight into the 1984 crop. It is possible at this time that the 1984 crop my be more valuable than many individuals have anticipated. So bear these factors in mind while preparing your 1984 budgets.

Emergency feed available

ALLENTOWN — An Emergency Feed Assistance Program (EFAP) is now available to Lehigh County Producers who suffered crop damage and losses caused by drought from July 1, 1983 to November 20, 1983. Sign-up period will continue through the end of Fiscal 1984, or until Commodity Credit Corporation supplies are exhausted.

To qualify, a farmer must have suffered a loss of feed normally produced on the farm and show that insufficient feed is available to maintain foundation livestock and poultry through the end of a 90-day feeding period. Corn will be sold to eligible producers at 75% of the county load rate where the corn is stored. The Lehigh County ASCS Office has a list of locations throughout the U.S. where corn is currently available.

The following information is needed: Crops grown and acreage, normal yield for crops, crops harvested and yields this year, feed and roughage on hand, PIK grain received (if any) and number of livestock and ages.

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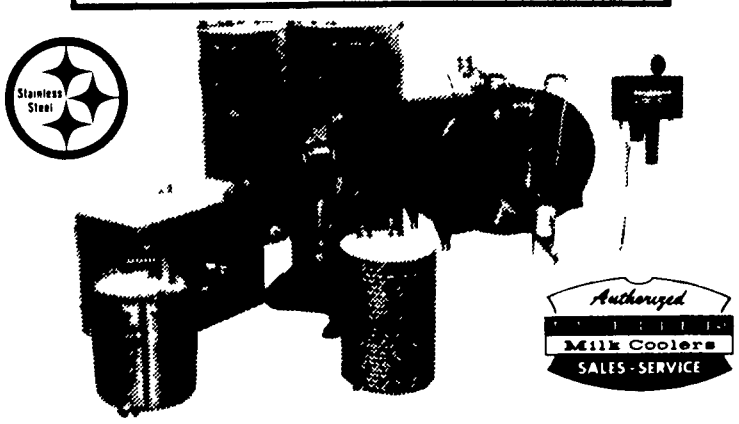

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500 Milk Keeper
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Bradford County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

November Report

This reports all DHIA cows that have produced 700 lbs of butterfat or more in 305 days PLUS 2 year old records of 600 lbs or more

NAME	BRD	NO. COWS	% COW DAYS IN MILK	LBS. MILK	LBS. FAT
William Brown	3	29 4	87 5	22 390	863
Snowcrest Farm	B3	83 0	89 5	20,806	775
Allen S Andrews	3	79 1	87 3	21,067	749
Donald F Harkness	3	51 9	87 0	18,973	737
Windham Valley Farm	B3	48 9	77 7	19,863	736
Russel L Jones	3	69 5	85 6	18,331	733
Tom&Diane Elliott	B3	40 4	83 5	18,942	731
Braund Valley Farms	3	85 0	86 9	19,329	730
Robert Taylor	B3	45 5	86 6	18,599	729
Matt Will	9	75 6	86 5	20,254	726
Wayne H Lamont	3	40 9	84 6	20,403	725
Calvin&Judy Watson	4	36 5	91 2	14,246	722
George M Shell	B3	48 6	90 1	19,776	719
Marvin Berry	B3	45 5	84 0	19,033	715
Matt Will B&W	8	68 9	86 2	19,726	704
Ronald P Davis	B3	36 5	85 3	17,870	703
Matt Will R&W	9	69 6	86 1	18,713	702
Elmer Comstock	3	71 2	82 6	17 854	701
Merle Bacon	3	32 4	87 9	18 688	699
Ford Ridge Farm	B3	55 3	87 0	19,092	691
Milford Kinsman&Son	3	93 1	85 9	17,815	690
Roy Hutchinson&Son	B3	41 9	86 2	19 285	689
Arthur D Wolf	B3	68 7	88 6	17 066	686
Bob&Tom Murray	B3	110 1	83 4	18 367	680
Abraham S Derstine	3	63 1	87 2	18,925	679
Scott&Lynn Cook	B3	37 2	85 5	18 667	678
Duane&Patty Cole	B3	43 4	85 7	18,317	677
Dale Mattocks	3	67 5	89 7	17,680	676
Robert H Whipple	3	64 5	89 6	17 914	674
Mapoval Farms Inc	3	93 6	86 1	17,991	670
Springcroft Farm	3	101 5	85 9	18 156	668
Earl J Gamble	B3	41 0	83 4	16,458	666
Fivebrooks Farm	3	74 1	88 5	18,439	664
Bruce Leslie Bresee	3	65 8	82 4	16,015	662
Ben Jackson	3	53 8	86 0	16 939	661
Richard D Wheeler	3	61 2	87 1	17 629	661
Lyle D Monro	B3	85 8	85 3	17,806	661
Donald Jennings Jr	B3	115 9	86 5	17 931	661
Roe Russell Jr	3	109 2	84 2	16,901	660
Glen&Arlen Landis	3	78 6	86 4	18 400	659
Ray&Larry Rowe	B3	58 6	88 8	16 040	659
Piercehome Farms	3	36 4	86 9	17 050	659
Richard Bristol	B3	36 0	85 8	18 080	657
Walter G Wheaton	G3	60 3	85 4	17,354	656
Brennan Farm	B3	49 9	87 3	15,994	656
Y Run Dairy Farms	3	90 7	86 4	18 403	656
Bradley Haflett	B3	41 1	89 7	17 669	652

OWNER NAME OR NO.	AGE AT CALVING	DAYS IN MILK		LBS MILK	LBS FAT
Y Run Dairy Farms					
Joletta	3	4	301	19,525	768
Jingle	3	4	305	20 802	784
Faith	3	3	305	20,970	835
Mapoval Farms Inc					
Rnimbo	3	6	305	21,836	754
Sk Lass	3	5	305	21 885	718
So Dora	3	5	305	24 435	779
T Deed	3	4	302	18 411	730
U Mate	3	3	305	21,169	775
Vslomon	3	2	305	17 826	699
Fox Chase Farms					
35	3	9	305	16 637	707
141 9	3	5	305	16 915	721
199 0	3	4	305	18,572	740
191 3	3	2	305	17 125	603
Bruce Leslie Bresee					
Edna	3	5	305	25 126	1264
Peg	3	2	299	16,533	682
Wright Brothers					
Ranaf	2	2	305	13 871	644
Bennett R Young					
9	3	0	305	21,044	845
Ron Dave MacWhinnie					
Joan	3	6	305	23 350	714
Goldie	3	6	305	21,518	858
Dale Mattocks					
Rhoda	3	8	283	21,217	807
Nina	3	3	305	19,524	792
Rebecca	3	2	305	17,445	645
Eugene&Brian Harris					
Kris	4	8	305	16,882	803
Russell L Jones					
Lois	3	5	294	20,390	739
Pearl	3	4	305	24 326	1055
Nola	3	3	290	17 304	760
Lily 74	3	2	305	14 258	612
Thomas McCarty					
310	3	4	282	22,255	735
402	3	4	305	18,882	773
387	3	4	305	19 651	779
475	3	3	305	17,588	772
397	3	3	305	19 236	718
19	3	2	305	17,071	609
John&Charles Howard					
Noxy	3	8	305	22 085	802
Nutty	3	5	305	21,257	705
Paula	3	2	305	17,752	643
Lynn&Bonnie Miller					
Prisila	3	4	305	20,884	751
Melody	3	4	305	18,694	700
Shumhurst Farm					
Semi	3	9	305	21 640	778
Bride Brothers					
90	3	8	305	20,327	786
122	3	6	305	18,951	743
2411	3	6	305	23 424	836
146	3	2	305	17 678	658
Ronald&Judi Butts					
44 Linda	3	5	305	18 936	799
Wm S Davis Jr					
84	3	6	305	17,455	725
80	3	4	305	18 302	872
Merle Bacon					
Light 18	3	4	297	21,708	800
Bob&Dale Tillinghast					
Evonne	3	8	305	20,433	826
Sherlen	3	4	305	19 458	749
Robert S Thomson					
28	3	3	305	21,055	705
Elwin Roberts					
45	3	7	305	17 336	739

(Turn to Page C4)

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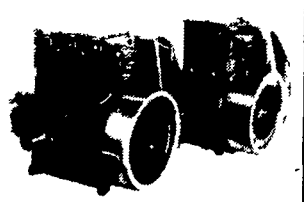

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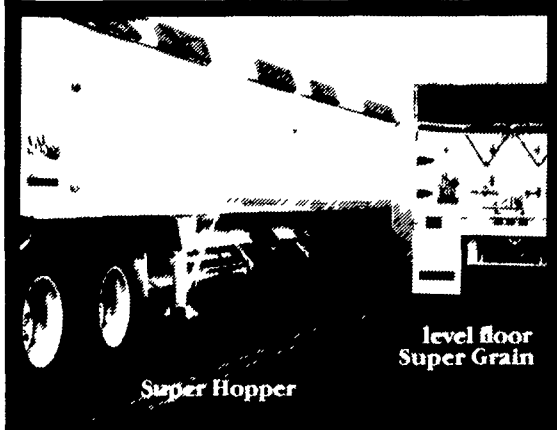

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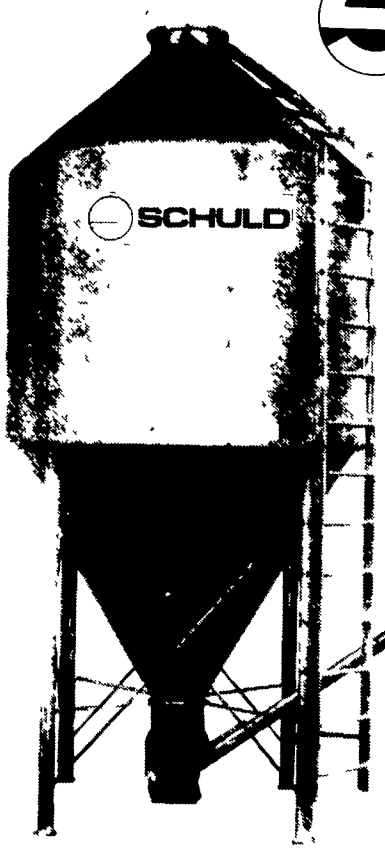

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Floral order defeated

WASHINGTON, D.C. — Producers and importers of flowers and plants have rejected a proposed national floral research, promotion and consumer information order. The final vote was 329 for and 665 against.

The U.S. Department of Agriculture mail referendum for eligible producers and importers was conducted from Nov. 28 to Jan. 3. The order would have authorized assessments for research, promotion and consumer education from producers and importers whose annual sales were greater than $100,000.

Charles Brader, an official with USDA's Agricultural Marketing Service, said only 33.1 percent of the 994 flower and plant producers and importers voting supported the proposed order.

Brader said to become effective the order would have required the approval of at least two-thirds of those voting, or a majority of those voting if they represented at least two-thirds of the value of flowers and plants accounted for in the referendum.

By value of sales, Brader said, only 49.5 percent of the total represented in the referendum was on the side of approving the proposal.

Bradford Co. DHIA

(Continued from Page C3)

Glen&Arlen Landis					
Dora	3	2	305	18 760	702
William Brown					
Fran	3	7	305	24 438	908
Jokey	3	3	305	23 797	886
Stanley Saxton					
Eleanor	3	8	305	24 751	816
Ben Jackson					
Allison	3	4	305	24 260	811
Claudy	3	2	305	17 608	701
Marvin Berry					
82	3	7	289	19,158	738
R19	3	4	305	26,374	944
B1	3	4	305	22 915	807
Cindy	3	2	292	15 492	654
Russell Stowell					
72	3	5	305	18 765	874
71	3	2	305	15,195	619
Robert&Anna Marie Cole					
Sherry	3	8	297	17 614	730
Karla	3	6	293	20,012	747
Donald E Harkness					
Dorna	3	5	298	18,821	921
Prilly	3	5	305	25,025	834
Amy	3	4	305	23,197	910
Dixie	3	2	301	17 917	702
Elly	3	2	305	18 995	671
Lyle D Monro					
55	3	8	305	19,018	701
13	3	8	295	16 884	711
65	3	2	305	16 236	601
Brennan Farm					
Fern	3	5	304	18,193	816
Fett	3	4	305	17 046	812
Gerald Stethers					
88	3	5	305	16,103	772
58	3	3	305	19 579	746
120	3	2	300	13 774	651
Robert L Storch					
Polly 8	3	7	305	22,967	769
Sundown	3	5	305	28,119	931
Mary 23	3	4	305	15 911	647
Richard H Packard					
Brittle	3	5	305	20,669	860
Bean	3	3	305	22,855	809
Rod Watson					
Wonder	4	6	305	13 141	814
Fivebrooks Farm					
Melissa	3	5	304	24,700	881
Robert H Whipple					
Vera	3	4	305	24 404	877
Rodney Babcock					
88	3	7	305	15,826	737
East Knoll Farm					
Nel	3	2	305	18 005	648
Robert Taylor					
Pearl	3	7	305	22,888	937
HW Russell&Sons					
37 H	3	6	305	17 771	780
14 I	3	4	305	16,938	767
22 I	3	3	305	17 054	757
13 I	3	3	305	17,512	834
38 M	3	2	305	14,225	605
Ray Keeney					
8	3	7	305	20,239	721
Richard B Reagal					
Klis	3	5	305	18 995	791
Ralph&Helen Bouse					
12	3	6	305	18,102	705
96	3	4	305	20 836	701
21	3	3	305	21 406	782
Richard D Wheeler					
Alison	3	7	305	18 322	779
Karrie	3	6	305	21 153	761
Ralyn	3	3	305	18 207	734
Trinity	3	3	305	17 388	726
Tabitha	3	3	305	17,898	710
Steve&Carol Jenkins					
Marty	3	5	305	16 411	829
Kit	3	5	305	18 539	740
Barb	3	4	291	18,987	775
Dale&Eileen Allis					
Joy	3	6	305	19,522	723
Cole	3	4	305	19,930	727
Gem	3	3	305	17,428	731
Jill	3	3	305	20 545	815
Duane Lewis					
13	3	2	305	17,146	620
18	3	2	305	19 055	636
LeCanville Farm					
Delia	3	8	305	21 238	795
Gene Miller					
397	3	4	305	19 341	746
Swamont Farms					
Kerry	8	6	305	16 595	727
Sheldon L Millard					
6	3	7	305	20 306	710
30	3	5	305	20,609	797
Myron Bristol					
Lynn	3	3	302	21 166	724
Paul D McCoy					
30	3	8	305	22,453	763
Windham Valley Farm					
Gene	3	6	292	20 490	888
Lee	3	5	249	22,050	713
Norma	3	4	292	23,016	893
Nickel	3	2	304	20 480	717
Merle Watson					
Rocket	3	13	305	20 729	823
Chambri	3	6	305	20,417	762
Spud	3	6	305	20 387	784
Echo	3	3	305	19 737	835
Dixie	3	2	305	16 034	670
William Eick					
Patty	4	2	305	12 375	622
Art & Clay Harkness					
Joyce	3	11	282	17 531	719
Carolin	3	6	303	18 157	704
Garry&Nancy Johnson					
52	3	5	305	17 941	812
48	3	5	305	21,237	778
23	3	4	305	15,841	701
50	3	4	305	17,776	732
Carl McClelland					
Star	3	6	286	22,573	734
George M Shell					
Gem	3	5	305	22,096	891
Carrie	3	5	305	22,652	840
Ramona	3	2	305	18,454	659
Emily	3	2	305	15,470	642
Wilma	3	1	305	19,953	714
Wayne H LaMont					
Faith	3	8	305	21,245	739
Patty	3	6	305	25,508	931
Rita	3	2	305	18,646	679
Kake	3	2	305	22 122	673
Bob&Tom Murray					
95	3	7	284	19 368	730
66	3	7	305	22 763	832
40	3	5	305	21 646	728
92	3	4	305	24,115	814
62	3	3	305	20 078	850
Tom&Diane Elliott					
Somtime	3	6	286	22,319	793
Tabby	3	6	272	19,029	781
Malkey	3	5	304	22,461	904
Sally	3	4	300	21 248	767
Jed	3	2	299	19 303	696
Raymond Hoppaugh					
Royle	3	6	305	24,649	803
Bonny	3	5	305	26,064	900
Wilma	3	4	300	28,934	894
Regan	3	4	305	24,094	739
Shana	3	3	305	17 629	762
Dede	3	2	305	15,496	610
Roy&Tim Beardslee					
99	3	6	305	19 829	760
62	3	2	305	18 595	702
102	3	2	292	17 891	637
Alfred Sparling					
Ginger	3	6	305	22,350	824
Daphne	3	5	305	22,028	796
Daisy	3	4	305	20,841	745
Minnie	3	3	305	19,252	761
Rachel	3	2	295	17 017	601
Brenda	3	3	305	15 658	732
Dotty	3	2	281	14,749	623
Rosie	3	2	305	15,428	651
Erin	3	2	305	20 489	648
Bradley Haflett					
Arlen 46	3	3	305	19 234	714
Vernalder Farm					
Opal	3	3	305	18,176	731
Arthur D Wolf					
8	3	2	305	15 604	688
81	3	2	305	19,111	780
James A VanBlarcom					
Carolyn	3	6	305	19 089	737
Wanda	3	4	305	17 406	802
Randy&Gail Watson					
Mandy 2	3	4	305	25 790	965
Has	3	2	305	15 515	699
Mrs Mark Schucker Jr					
Boots	3	2	287	13 879	644
Kenneth Walters&Sons					
44	3	4	270	16,683	716
Ter Mar Farm					
Nancy	3	5	305	24 884	739
Dinger Brothers					
Shirley	3	4	305	20 213	748
Walter G Wheaton					
79	3	6	305	24 215	700
Ray & Larry Rowe					
61	3	5	305	20,107	881
88	3	4	305	18,292	790
Wilford Heater					
42	3	10	305	20 083	764
Victori	3	7	305	21 264	731
Hugh&Russell Andrus					
219	3	4	305	19,148	726
282	3	4	281	19 508	717
209	3	3	305	19,521	788
Donald Jennings Jr					
109	3	9	305	22,394	742

(Turn to Page C5)

1983 TAX BREAK

I.R.A.

INDIVIDUAL RETIREMENT ACCOUNT

Now is the time to get your 1983 tax break. Contributions for 1983 may be deposited until April 15, 1984, or before you file your income taxes.

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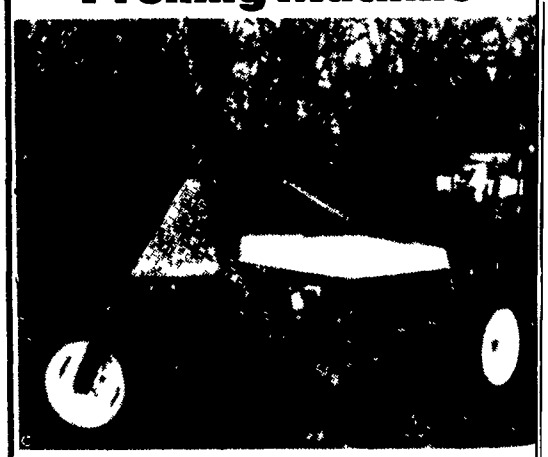

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Bradford Co. DHIA

(Continued from Page C4)

53	3	5	305	21,623	800
21	3	5	305	23 154	764
Dennis Lehman					
April	3	5	271	18 299	701
Sandy	3	5	305	18 990	779
Sondra	3	2	305	16 098	600
James Boor					
Beauty	3	5	305	21,272	701
Scott Laura Shores					
Carla	3	7	305	17 511	785
Douglas Graybill					
Ida	3	6	305	16 849	727
Leslie Freeman					
56 4978	3	2	305	18 144	692
Harold Warner&Sons					
Bronson	3	4	305	17,292	738
Rockman	3	2	305	16 982	608
Jerry Pruyne					
11	3	0	305	19,145	708
Elsbree Brothers					
215	3	4	302	16,261	744
139	3	2	291	13,883	685
Painter Farms					
5	3	7	291	17 903	720
Calkins Farm					
Jan	3	11	305	15,748	714
Bertie	3	4	305	20,069	723
Buca	3	2	305	18,088	680
Pearl	3	2	305	17,466	664
Paul Sargeant					
Cindy	3	2	305	16,610	635
Abraham S Derstine					
Penny	3	3	305	18,169	762
Kittie	3	2	305	16,265	632
Smokey	3	2	305	19,417	624
WL Huntington&Son					
74	8	5	304	14,069	700
Scott Bryan Shedden					
9	3	8	305	19 168	730
Martin Kingsley					
3	3	2	278	15,929	653
Mike&Barb Bradley					
3	3	2	305	15 390	638
Duane&Patty Cole					
Speck	3	5	305	18,385	774
Bobby	3	2	305	16 193	625
Marshall M Watkins					
Sherry	3	5	305	23 000	751
Scott&Lynn Cook					
Valerie	3	5	305	27 873	838
Scott Moore					
13	3	5	305	20,243	729
Hermit Hill Farm					
Jenif 20	3	4	301	22 795	731
Jewel 40	3	4	305	21,319	729
Tom&Pat Jenkins&Son					
Brooks	3	2	305	16 709	739
Providence Acres					
395	3	9	305	21 469	776
Brian&Pat Watson					
Gadget	4	4	305	14 717	777
Molly B	4	4	305	16 107	704
Nelson Wells					
14	3	5	305	18 864	719
183	3	2	299	14,090	674
Fernhost Farm					
122	3	7	305	22,979	806
120	3	8	305	20 837	794
Joe&Randy Kelley					
Spot	3	6	305	17 826	734
Latini Brothers					
172 Soap	3	4	305	16,032	768
Matt Will					
Edith	3	7	267	20,874	707
Joy	3	4	305	25 702	759
Ginny	9	4	305	25,958	951
Pebbles	3	2	305	20 390	689
Matt Will					
Star	9	4	305	25 986	887
Farny	9	4	292	20 346	785
Candy	9	4	305	21 475	868
Marci	9	3	303	27,142	879
Pansy	9	2	292	15 555	637
Calvin & Rick Shaffer					
88 A	3	7	305	20 065	740
59	3	3	298	17,259	737
33	3	2	305	15,569	621
Parks Knoll Farms					
102	3	6	299	19,342	762
Pet Roypa					
Dixie	3	9	305	19 976	748
Stuart Wrisley					
3341	3	7	305	20 189	808
33x6	3	5	280	16 723	823
Madigan Farms					
122	3	3	286	18 403	719
Romaine&Jeff Sechrist					
Elaine	3	6	304	18 880	703
Summit Dairy Farm					
Waylon	3	5	305	22,603	783
Roberta	3	4	305	22,115	782
James&Diane Elvidge					
Rosalie	3	5	305	22,709	883
Silva	3	3	302	19,338	728
Tula	3	2	305	18,304	837
Bea	3	2	305	19,464	703
Bev	3	2	305	17,181	657
Paul Robbins					
Cecilia	3	2	305	14,780	697
Merle&Leslie Wanck					
Ann	3	6	294	23,000	743
Dave L Wright					
Spot	3	2	305	17,878	650

Turf school set Feb. 21, 22

NANTICOKE — The ninth annual Northeastern Turfgrass and Grounds Maintenance School will be held on Feb. 21 and 22 at the Luzerne County Community College, Prospect St. and Middle Road, Nanticoke.

William C. Kleiner, Lackawanna County Agent, notes that preregistration is encouraged, but the school will open at 8 a.m. on Tuesday and Wednesday, Feb. 21 and 22. Sponsors for the school are the Penn State Extension Service, The Pennsylvania Turfgrass Council, and the E-2 Chapter of the Pennsylvania Nurserymen's Association.

The purpose of the school is to bring the latest in turfgrass and landscape information to individuals engaged in these disciplines. This would include those working with cemeteries, golf courses, parks, athletic fields, schools, and colleges, home grounds, nurseries, as well as related vocational education and agricultural business personnel.

The two-day program will qualify those attending for pesticide applicator certification or updating in the areas of turfgrass and shade trees and ornamentals classification.

Speakers for the school from the Penn State Extension Service include Paul R. Heller, entomologist; John C. Harper, turf specialist; Larry Kuhns, ornamental horticulturist; Gary Moorman, plant pathologist; Dennis Wolnick, ornamental and floriculture specialist. Other speakers are Jim Garrahan, pesticide inspector from Department of Agriculture; Keith Comly, agronomist; Bob Hummer, agronomist; Tom Callahan, Wayne County Extension Agent; Michael Kravitsky III, Manager of Lawn-A-Mat; John Bodock, agronomist; Bob Spode, plant inspector, Department of Agriculture.

Registration, which includes luncheon, may be made at the Lackawanna County Cooperative Extension Office, 200 Adams Ave., Scranton, Pa. 18503.

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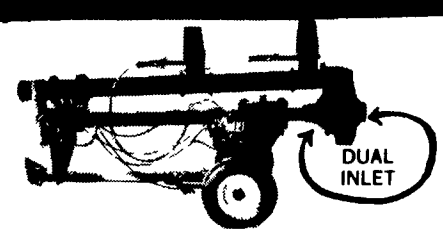

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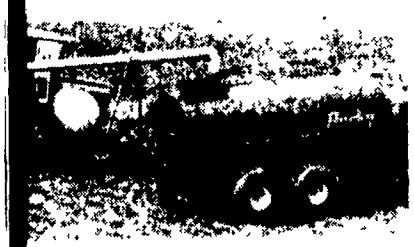
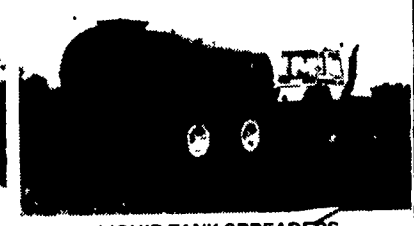


HUSKY FRONT MOUNT SOIL INJECTORS



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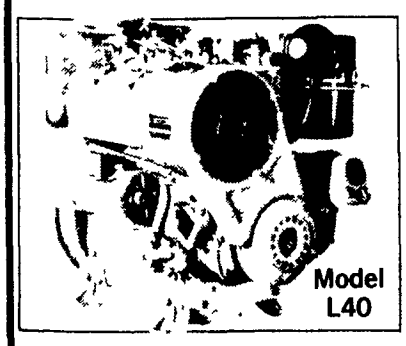

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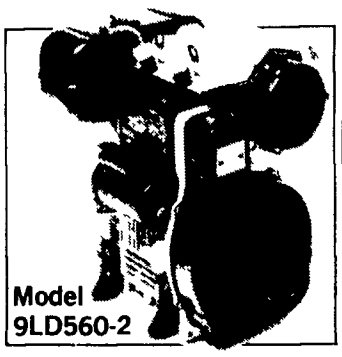

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DEALERS INQUIRIES INVITED

Milk diversion participants may adjust reductions

SPOKANE, Wash., — Secretary of Agriculture John R. Block on Jan. 18 said that during the January-March quarter, dairy producers who participate in the U.S. Department of Agriculture's new milk diversion program need only reduce their marketings by half the amount specified under their contracts and still receive a $10 per hundredweight incentive payment. This provision replaces a 3% tolerance below the contracted reduction for the first quarter of the program.

However, Block said, producers still must cut marketings by at least 5 percent of their established base production for the quarter to receive any payment.

For example, Block said, a producer who signs a contract with USDA to reduce milk marketings 20 percent during each of the five quarterly periods of the program could agree to reduce marketings by only 10 percent during the first quarter and receive a payment for that 10 percent. Producers who have already signed contracts can modify them by contacting the county office of USDA's Agricultural Stabilization and Conservation Service.

Block said the difference in the amount of the reduction will be evenly distributed over the following four quarters of the program.

Block said farmers needed this extra flexibility at the beginning of the new program to better plan their milk marketings and to help forestall cash flow problems that could make it difficult for some producers to meet existing financial commitments.

Block also said USDA will not change the total percentage reductions specified in the diversion contracts based on hardship to livestock producers. There may be some adjustment between quarters. However, he said, USDA will not require any quarterly modification that would compel producers to lower their milk marketings in any subsequent quarter by more than 150 percent of the reduction specified in their contracts for that quarter.

If USDA determines a hardship still exists, Block said, the department will use other existing authorities to lessen the hardship. Producers may continue to sign up for the milk diversion program at county offices of USDA's Agricultural Stabilization and Conservation Service through January 27.

Cattlemen's banquet slated

BOALSBURG — Winning appetizers made of beef, from the Pennsylvania and National Beef Cook-off of 1983, will be featured during the annual Spring Cattlemen's Banquet to be held Feb. 17 in the Boalsburg Firehall.

The banquet comes during the biennial Beef Cattle Conference set for Feb. 17 and 18 at Penn State.

Recipes for the winning beef appetizers use a low-caloric, lean type of beef, says Lowell L. Wilson, conference chairman. Joint studies by nthe U.S. Department of Agriculture and the Beef Industry Council show that most cuts of beef have a relatively high "nutrient density." This nutrient density indicates that beef is high in protein and relatively low in caloric content.

"Increased leanness of modern-day beef cattle and meat is due to a combination of improvements in breeding and feeding programs," Wilson commented. "These changes were brought about gradually in response to the economics of cattle production and the desires of consumers," he added.

The February 17-18 Beef Cattle Conference will include nationally-known speakers. Topics will stress the use of records for herd improvement, different methods of merchandising beef, new pasture-animal management systems, use of sire summaries for herd improvement, cow-calf feedlot management, mineral supplementation of cow herds and feedlot cattle, and many other items.

The annual banquet is sponsored by the Pennsylvania Cattlemen's Association. Awards will be presented including the Cattleman of the Year and the Cattlemen's Queen. Several five-minute updates on topics of utmost concern to beef cattle producers will be highlighted.

More information regarding the Penn State Beef Cattle Conference or the Cattlemen's Spring Banquet is available from the Department of Dairy and Animal Science, 324 Henning Building, University Park, PA 16802, or by calling 814-863-3667.

Try a Water Garden

HONESDALE — Take the gray out of winter. Start an easy-care water garden and cheer up your home with plants, green and growing. According to Jackie Cook, Wayne County Extension home economist, "It's simple and fun, and it brings a touch of springtime to even the coldest winter day."

Follow these steps to grow your own indoor garden:

—Use clean containers that do not leak — jelly jars, antique bottles, even brightly painted cans.

—Select sturdy stemmed plants such as English ivy, peperomia, impatiens, wax begonias, grape ivy or wandering jew.

—Take cuttings from healthy plants. Be sure the pieces are long enough to rest easily in the container.

—Fill containers with water and place them anywhere there is light. Most plants will do best in areas of reduced light.

—Add a dash of liquid fertilizer once plants begin to root.

—Clean and refill containers monthly.

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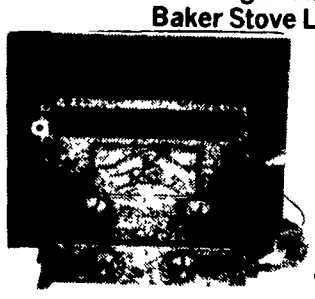

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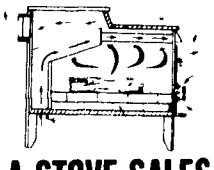

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WHAT IS POLY? "Poly" is short for polytetrafluoroethylene (TFE). It is the slipperiest substance known to man **(1981 Guiness Book of World Records, p. 188)**. The PetroLon Corporation, makers of Slick 50, has invented a way to permanently bind this slippery chemical to your engine with one treatment. All you do is add one quart of Slick 50 to your old during oil and filter change. By reducing engine friction, Slick 50 increases gas mileage and horsepower and reduces engine operating temperature thus causing your oil and engine to last longer Just as important, it reduces metal wear, defraying costly overhauls.

HOW DO I KONW THIS ISN'T A FRAUD? Slick 50 has some very impressive credentials. The **"Consumers Digest"** magazine (March/April 1982, p 35) states "Slick 50 does reduce engine heat and ordinary wear, and our informal tests indicate that it will improve gas mileage by about 2 or 3 miles per gallon." Researchers at the **Franklin Institue Research Laboratory,** after applying a powerful ultrasonic cleaning process to a Slick 50 treated engine part, were surprised at its permanence. They stated, "We actually expected the PetroLon Slick 50 TFE Resin coating to also be removed, but later found it was still there."

The **FAA (Federal Aviation Administration)** has fully accepted Slick 50 Aircraft Piston Engine Treatment (F.A.R. #33.49). An FAA test simulating 1400 hours of engine use (equivalent to about 70,000 miles on a car) showed almost zero engine wear!

Twenty-five hundred miles after removing Slick 50 from the crankcase, tests done at the **University of Utah Engineering Experiment Station** showed that the benefits of Slick 50 were still there. They reported a horsepower increase of 16.9% and 9.9% for light and heavy loading respectively. The senior engineering researcher at the **University of Southern California** in San Diego stated this, "Slick 50 does increase horsepower and decreases fuel consumption in tests done at the university." **The Space Shuttle Columbia** uses the chemical "poly" in its gears and bearings becuase it is the only chemical lubricant which can withstand the heat and corrosive elements of space

Perhaps most dramatic of all is a torture-test overseen by the **Automotive Services Council for Pennsylvania** and shown on television

station WTVE. Three cars with between 75,000 and 129,000 miles on them were treated with Slick 50. Six months later the oil was drained from each vehicle and the cars were driven without the oil plugs for about a half hour. The water temperature never rose and the engines sustained no apparent damage. The Southwest Daily Times (Dec. 19, 1982, p. 6), reports that a man from Liberal, Kansas, flew his airplane without oil for 30 minutes. There are many more tests available. If you are still skeptical, send $2.00 to defray printing and postage costs and we will send you additional, more detailed, test information, etc.

HOW DO YOU TREAT AN ENGINE? Very simply. A few minutes before oil and filter change add engine flush (sent free with each order) to clean out your engine. Let your engine idle for 5 minutes. Then drain your oil, change filters and add the proper amount of oil less one quart. Add one quart Slick 50, drive for 30 minutes, and leave it in the crankcase for 3,000 miles. As the engine operates, the oil carries the polytetrafluoroethylene between the parts where it is burnished into the pores of the metal. Once impregnated it is permanent, so you do it only once, not each time you change oil One quart of Slick 50 will treat all standard 4, 6 and 8 cylinder gasoline and diesel engines

WILL IT WORK WITH MOST OILS? Yes, Slick 50 will work with all petroleum based oils and all synthetics that are compatable with petroleum based oils An exception is graphite oils However, once an engine is treated, you can go back to a graphite type if desired

WHAT ARE THE BENEFITS OF SLICK 50? Your actual benefits in percentages may vary, depending on the kind of driving you do, vehicle condition, etc. By reducing friction, Slick 50 does all of the following: It increases gas mileage. It increases horsepower — small economy cars and large RV's really need this It makes for easier starting. It reduces operating temperatures, thus increasing the lubrication and life of your oil and your engine. Last but not least, the drastic reduction in engine wear defrays or eliminates costly overhauls which can save you over $1,000 00 Slick 50 eliminates the "lubrication starvation" that all cars experience when first started before the oil has a chance to circulate Up to 90% of the wear on a car can be caused by this lubrication starvation. You receive all of these benefits for less than the cost of two tanksfull of gas ($33.95).

WILL SLICK 50 HARM MY ENGINE OR AFFECT MY WARRANTY? No! Slick 50 is suspended in an excellent grade of petroleum oil which meets or exceeds every manufacturers engine warranty requirements. In addition, Slick 50 carries an API (American Petroleum Institute) service classification SF-CC-CD. It also carries the military specifications MIL-L-21046 and MIL-L 46152-A

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[ ] Money Order

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Schuylkill County DHIA

Pennsylvania Dairy Herd Improvement Association

1983 Annual Report

The Schuylkill County DHIA finished its fifty seventh (57th) year September 30, 1983 There were 36 whole year herds in the Association In addition, there were 2 Owner Sampler herds

Thirty five (35) herds exceeded an average production of 400 pounds of butterfat per cow A complete list of these herd owners follows

Carl A Farms	RH	64 0	21,009	821
Paul & Ken Wagner	RH	58 5	20,587	752
Brian Ruch	R&GH	26 7	18,381	715
Miller & Rex, Inc	R&GH	33 9	18,376	711
Heisler Brothers	RH	67 6	18,759	703
Suntrail Dairy Farm	RH	47 8	18,860	696
Bruce Leatherman	R&GH	80 8	19,693	680
Raymond Reichwein	R&GH	35 2	17,405	667
James Rodichok	R&GH	61 7	17,379	667
Snyder Brothers	RH	73 7	18,261	660
Elam Z Stoltzfus	R&GH	42 1	18,744	654
William R Daubert	RBS	100 5	15,586	654
Jere Gearhart	RH	38 6	16,887	652
George Hinkle	GH	72 9	17,621	644
Melvin E Stoltzfus	GH	39 1	19,483	624
Dawn F Rhein	RJ	61 1	13,126	623
Leon C Helper & Son	R&GH	59 4	18 235	614
Henry J Reiner	R&GH	27 0	16 653	611
Elam Stoltzfus	R&GH	56 2	14,193	605
Clark Reiner	GH	17 0	16,623	601
Wilbert Moyer	RH	37 0	16,764	601

High Individuals From IBM Reports
Dates 10/82 - 9/83

Milk

Carl A Farms			
Dori	33 529M	1 602F	8 83
Bruce Leatherman			
Hollie	28 241M	924F	4 83
Carl A Farms			
India	27,842M	1 000F	12 82
Frenchi	27 651M	868F	9 82
Bruce Leatherman			
Anna	27,272M	817F	3 83

Fat

Carl A Farms			
Dori	33,529M	1 602F	8 83
James Rodichok			
Unice	24,781M	1,089F	8-83
Miller & Rex Inc			
Janis	23,092M	1,018F	10 82
Carl A Farms			
India	27,842M	1,000F	12 82
Heisler Brothers			
Ina	21,651M	988F	8 83

Meritorious Lifetime Production Records
1983 Testing Year

To qualify for a certificate, a cow must have produced a minimum of 100,000 pounds milk or 4,000 pounds fat Additional certificates will be awarded annually for each additional 25,000 pounds milk or 1,000 pounds fat If a cow leaves the herd after meeting the minimum requirements a final certificate will be issued

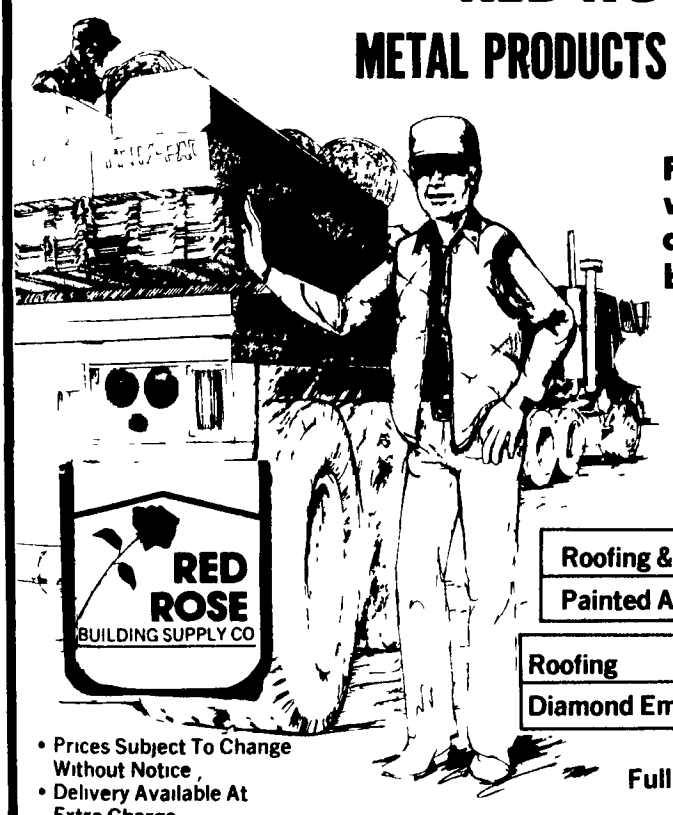
The lifetime production certificates for cows enrolled in the DHIA program (DHI or AM PM) are as follows

Carl W Brown				
Lona	8 14	8	128 620	5 164
Cyd	1 12	7	113,905	3,695
Beryl	9 20	6	111 601	3,982
Vina	4 6	6	101,707	3,610
Martin L Daubert				
Victori	9 22	7	131,629	6,053
Laurie	6 16	8	129,068	5 548
Whisper	4 22	7	126,857	5,249
Icicle	11 22	8	102,954	4,007
Weeble	10 21	7	102,418	4,255
William R Daubert				
Rose	9 25	11	183,464	7,023
Shelly	8-21	10	157,894	6,416
Hatty	3 5	7	148,634	6,022
Marsha	12-9	8	132,737	4,757
Mollie	9 7	7	123,046	4,699
Della	7 24	7	121,176	5,445
Trudy	7 1	7	116,143	4,393
Jolene	8 13	5	111,555	4,255
Tansy	6-28	5	105,928	4,247
Crocus	3-17	7	105,040	4,269
Alfreda	6 11	6	104,471	3,782
Karen	5 15	6	100,100	3,760
Ebony	10 16	7	96,211	4,160
Happy	1 1	6	93,742	4,030
Carl A Farms				
Paula	2 26	11	185,645	7 278
Zelda	12-15	9	159,889	5,341
Sharon	11 20	8	150,389	5,731
Frenchi	2 28	5	120,195	4,064
Fern	11 28	6	116,632	4,525
Ingrid	10 7	5	112,696	3,875
Amber	9 14	5	109,850	3,483
Fifi	5-7	5	106,887	3 577
Fluff	3 19	5	105,840	2,929
Angie	10 4	5	104,443	3,342
Shari	1 21	5	101,979	3,932
Flo	7 29	5	101,975	3,659
Heisler Brothers				
Dixie	9 28	7	148,453	6,000
Daisy	9 4	5	142,660	4 758
Molly	3 29	7	142,455	5,356
Spot	7 24	5	138,850	5,635
Ardel	12 10	7	131,977	5,133
Sadie	10 9	5	127,508	5,019
Alma	9 28	5	119 940	4,324
Myra	4 7	5	114,228	4,422
Debbie	10 6	4	113,663	5 053
Pam	12 14	5	106,662	4,168
Marie	10 18	4	102,108	3,835
Allene	1 29	5	98,044	4,738
Carl & Dale Heisler				
34	6 28	7	113,342	4,310
21	10 25	5	108,379	3 724

(Turn to Page C8)

RED ROSE DELIVERS

METAL PRODUCTS & BUILDING SUPPLIES



DISTRIBUTOR
For former Kaiser weatherstrong roofing and siding now rolled by McElroy Metal Mill.

DIAMOND EMBOSSED
And Available In Brown, Sunset Gold, Meadow Green, Ranch Red, White and Buckskin Tan.

Roofing & Siding	10'	12'	14'	16'
Painted Aluminum	$17.05	$24.46	$23.88	$27.28

Roofing	13'6"	15'7"	18'9"	21'9"
Diamond Embossed	$19.80	$23.03	$27.72	$32.13

- Prices Subject To Change Without Notice,
- Delivery Available At Extra Charge

Full Line of Accessories Also Available

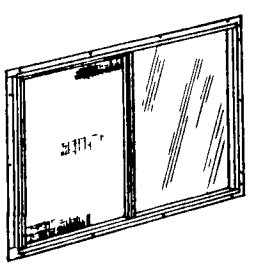
Treated Timbers	10'	12'	14'	16'	18'	20'	22'	24'	26'	28'
4x6	$8.80	$11.00	$12.10	$13.30	$18.70	$21.79				
6x6			$17.60	$22.00	$25.30	$32.97	$38.41	$45.60	$75.34	$80.00

Dimension Lumber	16'	18'
2x4	$3.88	$4.36
2x6	$5.72	$6.53

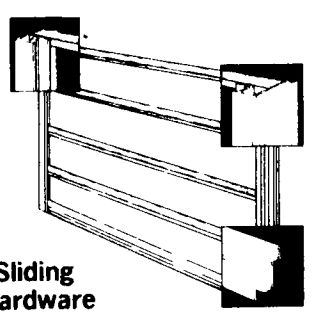
#10 $159.68

#40 $180.73

PRE-HUNG SERVICE DOORS
Turn Upside down, Turn Inside Out, All Out Of The Same Box...
ONE DOOR DOES THE WHOLE JOB!



AGCOM WINDOWS
Heavy Alum. Frame, Self Flashed J-Channel - Ready to Install
46"x27" $42.71 46"x40" $57.86



BIGG FRAME AND BIGG FRAME II SLIDING DOORS

Build Bigger & Stronger Sliding Doors! Plus... Track and Hardware Also Available.

RED ROSE BUILDING SUPPLY CO.
P.O. Box 56, Ephrata, Pa. 17522
Call Collect - 717-738-2401

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INFARMATION
FEED MANAGER

COMPUTERIZED FEEDING & MANAGEMENT SYSTEM

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Longacre ELECTRICAL SERVICE, INC.

602 MAIN STREET BALLY, PA. 19503
DIAL (215) 845-2261

"Where The Handshake Is Mightier Than The Pen!"

Schulykill Co. DHIA

(Continued from Page C7)

Paul Heisler				
Dorthey	3 19	8	126,113	5 258
Wash	11 12	6	114 961	4 310
Irvin Hepler				
Edith	8 19	5	100 324	3 690
Jersey Acres Farms				
Berta	11 27	13	162,685	7,888
Rail	7 30	8	106 478	5 252
Barl	9 20	9	106,070	4,711
Rhoda	2 21	6	97,573	4 609
Lucy	2 9	6	88 195	4 929
Kermit Kahler				
Jane	10 20	8	147 965	6 085
Janell	6 21	7	105,037	4 286
Suzy	1 25	7	104,647	4 528
Richard Kreager				
Kevin	2 16	8	115,109	4 225
Leslee	7 30	9	109 069	4 302
Mighty	2 17	6	100,742	3 826
Kurtz Dairy Farm				
Joy	11 20	6	113,491	3 587
Pheebie	10 20	6	103 854	3 159
Girl	9 27	5	100 663	2 579
Bruce Leatherman				
Hollie	8 5	8	206 921	7 685
Isabel	3 21	6	114 908	4 284
Rambler	8 6	5	111 342	3 549
B Ross	10 3	6	110,551	3,646
Buster	8 10	6	108,379	4,292
Angie	8 28	5	100 670	3 389
John P Leatherman				
Melle	6 23	7	169,097	6,016
Kay	10 2	8	157,785	4 925
Barb	4 4	5	130 363	4 607
America	9 11	4	102,457	3 344
Marlin L Lesher				
Cheryl	5 21	7	143 985	5 086
Jean	6 2	7	139 064	5 532
Mary	4 17	9	136 794	5 753
Carol	9 16	5	107 996	4 567
Miller & Rex Inc				
Jill	3 8	9	163 152	7 413
Lucy	5 3	7	159 552	6 658
Nina	11 4	7	130 175	4 899
Karen	9 19	6	125 546	5 230
Nancy	10 29	5	113 725	4 661
Belle	2 22	7	113 486	4 012
Marge	11 1	4	100 440	3 882
Lester D Moyer				
Lorie	9 4	7	101 610	3 764
Sissy	1 5	7	94 583	4 210
Wilbert Moyer				
Suzy	7 14	9	158 037	5 453
Tessie	2 16	6	121,051	3 486
Kezia	9 15	6	115 698	4 249
Lilly	4 26	7	106 956	4 522
Jessica	10 6	6	105 481	4 829
Tulip	7 24	5	103,281	3 848
Kathie K Newswanger				
Gloria	3 14	5	104 271	3,630
Raymond Reichwein				
Ginger	11 12	10	158,381	6 046
Phil	7 7	7	131,583	5,258
Gay	7 26	8	121,199	4 411
Clair	6 15	7	105 019	4 697
Tina	8 11	7	101 138	3 573
Blacky	7 12	5	89 786	4 026
Dawn F Rhein				
Nedra	6 11	9	134 404	5,990
Nesta	8 13	8	112,410	5 811
Sarah	9 15	7	98,542	4,422
Vada	5 12	7	98 537	4 672
Bobbie	3 8	7	97 702	4 396
James Rodichok				
Quasar	7 18	9	129 141	6 013
Elwood L Rothermel				
Gal	5 2	9	121 288	5,249
Tidy	1 21	8	120 487	5 283
Hartog	10 22	6	99 140	4 216
Goldy	9 11	6	81 400	4 249
Snyder Brothers				
Jackie	10 14	10	160 385	6,116
Seqis	4 1	9	144 131	5 421
Jolly	1 2	8	138,704	5 505
Stella	10 31	7	132 161	5 076
Dana	8 16	7	131 270	5 308
Jemima	1 23	8	123 132	4 861
Jan	6 21	8	114 190	4 541
Carrie	12 10	6	113 011	4 805
Silver	10 29	7	109 097	3,745
Sunshin	6 21	6	97 033	4,129
Melvin E Stoltzfus				
Lois	7 24	7	139 284	5 381
Jenny	10 4	7	135 412	4,827
Beulah	11 24	6	128 276	4 905
Louise	11 8	5	117,957	4,318
Elam Z Stoltzfus				
49	12 6	6	133 480	5 239
Petunia	6 18	7	126,459	4 311
Janet	5 26	6	104 809	3,546
Carrie	5 24	6	103 031	3 702
Heidi	12 12	5	100 725	3 131
Suntrail Dairy Farm				
Mary	9 17	10	181 030	6 627
Satin	1 21	7	150 962	5 352
Ava	12 28	7	149 694	5 530
Orpha	9 11	9	148 298	5 943
Elaine	1 4	6	142 784	4 874
Lady	11 8	5	111 694	3 786
Ann	1 25	5	103 899	3 710
Franklin Troxell				
Ofella	11 4	8	142 553	6 135
Stephan	7 30	6	103 525	4 141
Paul & Ken Wagner				
Alicia	11 20	7	126 743	4 822
Hail	10 17	5	108 968	3 600
Nancy 2	10 10	5	105 627	4 121
Hazil	8 27	5	102 328	3,773
Tessie	4 7	6	101 640	4 004
Vonny	9 21	5	100 142	3 529

CECIL COUNTY DHIA
Top Cecil County Herds For December

Following are the top ten herds for December These results are based on a Fat Corrected Milk basis FCM allows the comparison of milk production records varying widely in percentage of butterfat and thus differing in energy values

Long Green Farms Inc	131	51 1	2 01	54 7
Cherry Valley Farm	136	48 9	1 98	53 2
Pioneer Valley Farm	138	49 5	1 85	51 5
Far View Farm	88	46 7	1 89	50 8
Albeck Farms Inc	193	44 5	1 92	50 3
Howard T England	54	37 2	2 03	49 0
Wil O Mar Farm	90	46 1	1 74	48 2
Zion Meadows	97	45 1	1 69	46 9
Anchor&Hope Farm	20	44 1	1 60	45 1
Lovdal Farms	80	40 6	1 67	44 6

SULBRA COUNTY DHIA
December, 1983

Rolling Herd Averages
(650 Lbs Butterfat and Over)

Raymond Norconk	3	41 7	86 4	18 046	697
Geo & Wm Lambert	3	116 7	89 7	18 501	687
William Hottenstein	3	50 8	83 7	18 454	677
Dennis Vickie Boyd	3	30 8	88 0	20,284	675
Richard R Higley	3	82 1	80 3	16 382	653
Ronald Hembury	3	72 8	86 9	17 337	653
Joan M Woodhead	3	25 0	87 9	17 118	653

Completed Lactations
of 750 Pounds or More of Butterfat

Dennis Vickie Boyd						
Etta	3	5 11	305	25 661	3 7	949
Amy	3	9 2	305	24 906	3 4	851
Raymond Norconk						
Barbra	3	6 1	305	19,990	4 3	869
Wilmot	3	5 4	305	19 201	4 1	790
Geo & Wm Lambert						
Toni	3	5 5	305	25 270	3 4	849
Earl & James Warburton						
Evon	3	3 5	305	25 311	3 3	833
R L & Tracy McCarty						
Elevate	3	6	305	20 552	3 9	803
Kevin L Ferris						
Jane	3	5 9	305	23 450	3 3	781
Joan M Woodhead						
Wisper	3	4 10	305	23 395	3 3	775
Richard R Higley						
Noel	3	2 2	305	16 737	4 5	752

WATER THAT WON'T QUIT

RELAX Ritchie WATERS 'EM RIGHT TM

Ritchie Fountains deliver. Even in the dead of winter they are out there working You're not

Weatherproof You bet they are Heating systems and efficient insulation keep water ice-free just set the Watt Watcher™ thermostat for minimal energy use Big-throated, non-stick plastic valves keep water gushing in Each of your cows get all the water they need to promote peak production

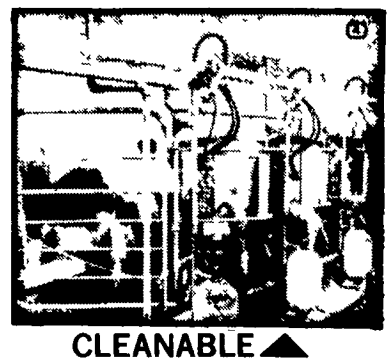
Ritchie Fountains are tough, too Quality-built with rugged heavy galvanized steel and CD-50 expoxy finish to stand up to weather and barnlot abuse

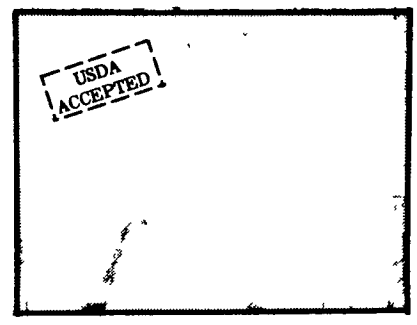
Why take chances on anything less than a red and yellow Ritchie Fountain? Call your Ritchie dealer for water that won't quit

GLASBORD®

ELIMINATES THE EPOXY AND OTHER YEARLY COSTLY MAINTENANCE TO WALLS AND CEILINGS

FOR FARM BUILDINGS





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FIBERGLASS REINFORCED PLASTIC PANELS & ROLLS

- **GLASBORD® IS TOUGH**
  - **-ACID SCRATCH AND ABRASION RESISTANT**
- **GLASBORD® INSTALLS EASILY**
  - **- MILKING PARLORS, HOLDING ROOMS, OFFICES, SLAUGHTER HOUSES**
- **GLASBORD® RESISTS DIRT**
- **- WILL NOT STAIN, CORRODE**
- **- RESISTS ANIMAL WASTES**
- **- CLEANS WITH ORDINARY METHODS**

IN STOCK - AVAILABLE NOW

3/32 & 1/8" THICKNESS, 4 x 8 FT. PANELS
3/32 & 1/8" - 4 x 40 AND 4 x 45 FT. ROLLS

ALL CORNER MOLDING AND FASTENERS

VINYL MOLDINGS ARE AVAILABLE TO GIVE A FINISHED APPEARANCE & A WATERTIGHT INSTALLATION.

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Phone 717-263-9111

REAL ESTATE

REAL ESTATE

WIMPLE REALTORS STATEWIDE FARMS

CENTRAL NEW YORK

POTENTIAL SHOWPLACE NEAR COOPERSTOWN: owner hurt and finds it hard to keep this pretty farm the way he'd like Very good barn has 50 stalls with Delaval pipeline, 2 unloading silos plus 3rd on heifer barn EXCELLENT 10 room home, thoroughly modernized in the best taste Could be bought with registered herd, 3 tractors, SUPER line of machinery & feed inventory for $185,000 with about $40,000 down or $110,000 bare JUST LISTED! WIMPLE REALTORS SLOANSVILLE OFFICE 518-875-6355

SOUTH CENTRAL NEW YORK

ONLY $10,000 ON FARM NEAR CORTLAND: good spot for beef, heifers or sheep on this 100 acre farm Home has 10 rooms with HW baseboard head plus woodstove Barn has 5 box stalls with room for lots more JUST LISTED! $71,500 with 10% owner mortgage For appt call 607 863-3993 or WIMPLE'S SLOANSVILLE OFFICE

ST. LAWRENCE VALLEY

"SOLID AS A ROCK" .. century old stone home of 8 rooms with 2 full baths and oil heating is unique and one you'd be proud to own Farm has 243 acres and is located just outside Amish community Barn has 70 stalls, Universal pipeline, new Patz cleaner, mow elevator Owner asks $88,000 MANY OTHERS WIMPLE REALTORS GOUVERNEUR OFFICE 315-287 4163

FARM EQUIPMENT

For Sale - 40 KW 120/208V continuous duty generator set with 4-71 Detroit Diesel engine, excellent condition only 200 hours since major overhaul. Contact owner 215-445-6061. Also Aquamagic egg washer grader spool spinner 6 to 9 cases per hr. excellent, 215-445-6061.

FOR SALE AC 4 row dry fertilizer attachment for no-til planter, includes; 2-500 lb. metal boxes with augers, 4 frame clamps with disc opener assemblies, chains, like new. $690.00. Allison; Earleville, Md. 21919; (301) 235-1307.

FOR SALE Bolens 38" snow blower, fits older 8-12½ HP garden tractor's. Used 3 times. $315.00 Set of Bolens chains, $15.00. Dirt blade fits same model tractor's $90.00. Allison; Earleville, Md. 21919; (301) 235-1307.

Tanks and Tank Trailers. Tank trailers stainless steel 3000-8000 gallon. From $1500. Steel and rubberlined trailers 3000-6500 gallon. From $1100. P.O. Box 71, Philipsburg, N.J. 201-859-1584.

FARM EQUIPMENT

FOR SALE
IHC RECONDITIONED TRACTORS
Cub Low Boy w/snow plow, sickle bar and 4' Woods belly mower
Cub 154 Low Boy w/5' Woods Belly Mower
Both Tractors repainted, new rings and valve job.
CUB ATTACHMENTS
Snow Blower, Sickle bar mower, cultivators, disc harrow, snow plow, dirt plows. 717-687-0102.

AC tractor 175 Diesel, 1977 1550 hours; round balers; new and used - Vermeer, 605H, 504H; Gehl 1500 and New Holland 852 nice. West Moreland Co., PA, 412-423-4076.

FOR SALE - Oliver 348 cushioned trip plow, 3 pt., 3 bottom 3x14" or 16", spring 20" coulters, heavy plow. Also 48", 3 pt. marvel finishing mower for small diesel tractor PTO. Both in very good cond. Call Matt 215-929-0522.

SAVE-1500 gal. Clay Honey wagon with liquid manure injectors, Demo $9,000 or best offer. Fred Crivellaro, Dealer, Clay Farm Equipment, 1590 Morgan Hill Road, Easton, Pa. 18042. 215-258-7584.

FARM EQUIPMENT

For Sale- JD 2520 good condition, $6200 or best offer, 717-776-7725.

Deutz D6807 tractor - Synchron transmission, 18.4x30 rear tires with GB Loader w/Ind. valve. Excellent condition. 717-762-3614.

FOR SALE JD model 45 (2x16) plow with hydraulic landing $510.00. Allison; Earleville, Md. 21919; (301) 235-1307.

For Sale - JD 2010 crawler loader good condition, $5500. 717-582-2352.

For Sale - Brady stalk shredder model 1440; Brillion 25' folding harrow. 717-752-3825.

For Sale - JD 7000 Max-Emerge planter, 4 row wide, excellent condition; JD 112 lawn mower, excellent condition. 717-752-3825.

Int. 4 row potato planter #45 with Gandies. Good condition. 302-734-2352.

For Sale - IH 5100, 21x7 DD soybean spec. with GA wheels and seeder, 2 years old, excellent, 250 acres, Call 717-993-6393.

IH 544 diesel tractor, hydrostatic, rear weights, 2,000 loader, 2 buckets, Price $4,950. Phone 301-733-2195.

FARM EQUIPMENT

For Sale - 1980 JD 4440 with 20.8x38 axle duals; 1980 JD 2600 6 bottom plow; 1980 JD 230 centerfold disc with midwest type harrow; 1981 JD 1380 hydro swing 12' haybine; Kill Bros. gravity wagon with fertilizer auger. Phone 814-364-9637.

For Sale - JD 3020 Diesel, power shift, narrow front, good tires, good condition. 717-532-7054.

For Sale - 620 John Deere new paint, engine rebuilt, $2800, 215-445-4367 after 6 pm.

Wanted - 2 way Acorn barn cleaner moter, 215-869-9737.

For Sale - Large "Hale" irrigation pump direct mounted to six cylinder engine. Israel S. Beiler, R.D. 1, Box 117, Christiana, PA. 17509.

Wanted - Large 20'-22' Spring hanger, endwing disk, new or used, excellent; 8 row late model IHC Cyclo cornplanter. Best cash price, 215-966-5816

FARM EQUIPMENT

John Deere combine, excellent condition, 950 hours, 13' Flexhead, IHC 1066 cab, new, 24.5 rear tires, low hours, both field ready, 609-767-3485.

933-G Caterpillar track - loader. 1 yard & ¼ bucket, excellent cond. 301-287-8494 days, 301-287-5104 evenings.

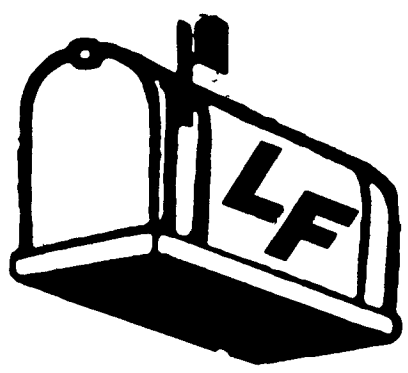
For Sale- Gandy applicators. Horse drawn corn planters converted to plateless. Pequea planter. G.F. Stoltzfus RD#2 Gap Box 2276 17527.

WANTED - New Holland 77 baler. PTO driven. 215-255-5211.

933G Catepillar crawler loader, direct electric start, heavy duty D-4 undercarriage $6500; also Farmall M tractor, equipped with Trojan grader attachment and rippers $1900, anytime, 215-488-1723.

For Sale - Case model 75 Highlift Loader for 970 or similar tractor. 6' bucket, excellent, $2,000. 609-769-4086.

HANDY CLASSIFIED AD ORDER BLANK



IMPORTANT: Be sure to include name, address, and word count
PLEASE WRITE CLEARLY

Please publish my _____ word ad _____ times
(Number of Words) (Number of Times)

starting with the _____ issue. Classify under _____.

I enclose _____.

DEADLINE: 9 A.M. THURSDAY OF EACH WEEK'S PUBLICATION

RATES: 20¢ Per Word, $2.40 Minimum Charge

For ads running 3 or more consecutive times with no change deduct 20 percent discount. (See rate chart at beginning of classified section for an example of discount.)

MAIL TO:
LANCASTER FARMING
P.O. Box 366, Lititz, PA 17543

NOTE: Please do not use this form for Mail Box Market Ads, see instructions in Section B with Mailbox Markets.

1	2	3	4
5	6	7	8
9	10	11	12-$2.40
13-$2.60	14-$2.80	15-$3.00	16-$3.20
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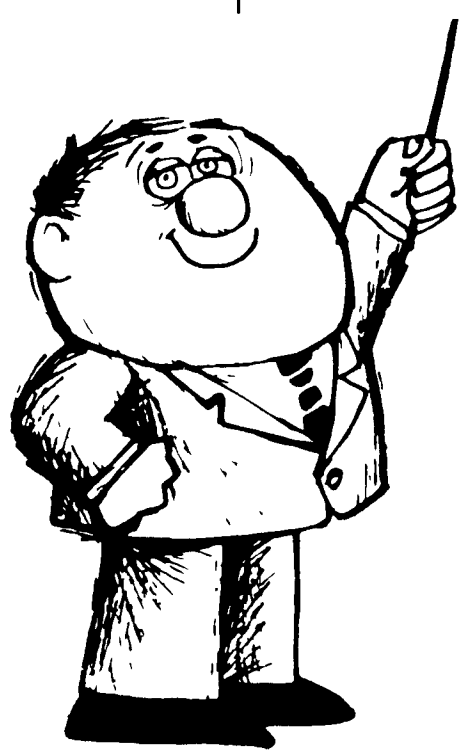
21-$4.20	22-$4.40	23-$4.60	24-$4.80
25-$5.00	26-$5.20	27-$5.40	28-$5.60
29-$5.80	30-$6.00	31-$6.20	32-$6.40
33-$6.60	34-$6.80	35-$7.00	36-$7.20
37-$7.40	38-$7.60	39-$7.80	40-$8.00



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14	2 80	6 72
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16	3.20	7 68
17	3 40	8 16
18	3 60	8 64
19	3.80	9 12
20	4 00	9 60

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Lancaster Farming
P O Box 366
Lititz, PA 17543
717-394-3047
or Lititz
717-626-1164

The following categories are available for your classified advertising in Section C. Deadline-Thursday morning at 9 of each week's publication

- ☐ Farm Equipment
- ☐ Silos & Unloaders
- ☐ Buildings & Supplies
- ☐ Grain Equipment
- ☐ Dairy Equipment
- ☐ Livestock Equipment & Supplies
- ☐ Cattle
- ☐ Horses & Mules
- ☐ Sheep & Goats
- ☐ Swine
- ☐ Artificial Breeding
- ☐ Hog Equipment & Supplies
- ☐ Poultry & Supplies
- ☐ Feed & Seed
- ☐ Fertilizer
- ☐ Plants
- ☐ Fruits & Vegetables
- ☐ Nursery
- ☐ Lawn & Garden
- ☐ Services Offered
- ☐ Custom Work
- ☐ Help Wanted
- ☐ Situations Wanted
- ☐ Business Opportunity
- ☐ Autos
- ☐ Recreational Vehicles
- ☐ Notice
- ☐ Lost
- ☐ Found
- ☐ Pets
- ☐ Household
- ☐ Miscellaneous
- ☐ Computers

The following categories are available for your classified advertising. in Section B. Deadline-Wednesday afternoon at 5 of each week's publication.

- ☐ Real Estate
- ☐ Trucks & Trailers

FARM EQUIPMENT

JD 1020 gas 35 hp, wide front, front and rear PTO, chains and more; 6' center mount sickle mower; #48 front end loader; 5' rotary mower-trailing; 6' Mott Mower-3 pt.; 5' light scraper 3 pt. $10,000 the lot or by each, 215-436-0254.

JD 2280 Diesel self propelled haybine. Cab, air, 500 hrs., like new. 814-793-2339.

NH 469 Haybine, good condition. Phone 215-965-6363.

White 5400 corn planter, 6 30" row, liquid fertilizer, no-till, 717-527-4772.

For Sale - Wisconsin engines model #TJD baler engine, 2 VG4D's available with clutch reduction, VF4, VE4 also with clutch reduction, inquire about used diesels, 15 HP air compressors, also 2 Maytag wringer washers, Daniel E. Smucker, RT 1, Strasburg, PA.

AC C tractor, NI #17 Manure spreader, JD 2 way plow. 717-949-3074.

IH 504 Utility tractor, gas with TA, tires excellent 14.9-28, wheel and front weight included, asking $4000; also IH 2000 loader for sale, will fit this tractor, $1900, 215-367-2933 days, 215-369-1418 eves.

For Sale - John Bean sprayer, 35 GPM pump, 400 gal. tank ideal set-up for washing down poultry houses, good condition. 717-426-3135, 653-5359.

For Sale - Badger liquid manure spreader, 304-263-9801.

For Sale - White 543 planter, 4 row, w/granular fert., $3500.00; White 5400 planter, 4 row, liquid fert., monitor insecticide, $3500.00; White 264 Disk, $3500.00; McConnell 16' harrow, $1350.00; MF 41 mower w/7' cutter hoe, $1500.00; Mowed 30A, JD A tractor Ele start. 717-256-3452.

For Sale - White 5100 No-till corn planter, 4 row, latest model, like new; Oliver 316 cushion trip fully mounted plow; NI 12A ground driven spreader. 717-933-8134.

FARM EQUIPMENT

Farm Equip. Salesman for Conn. and Western Mass. Majority of time on the road. Salary plus comm. Send resume to PO Box 121, Enfield, Ct. 06082

For Sale - NH 1010 automatic bale wagon in excellent condition. 301-348-5660.

Wanted - Martin 2100 or 2400 V type manure spreader. Phone 301-733-4973.

Wanted - 55 to 75 KW 3 Phase Generator, PTO driven. 201-369-3936.

NH 354 mixer grinder, good condition, $2900, 215-756-6259.

For Sale - 1970 Ford 8000, 120 HP, 18.4x34 tires w/duals, front weights, good condition, 215-286-6388.

IH 756 rebuilt engine, fast hitch, new paint, good tread, excellent condition, $6500. 301-877-1658.

JD 2440, 1978, 1400 original hours, 1 owner, $8,000/offer. #146 Loader available 301-833-9091.

IHC 100 7' Trailer Mower
Oliver 387 Sulky plow, exc. for horses
NH & Little Giant corn drag
(3) Nicholson Hay Tedders
(1) PTO Nicholson Tedder
NH 55 and 56 Hay Rakes
NI 751 & 752 Crushers
Lely pull type spin spreader
NI 206 Spreader
AC B125 Power Unit
TOM WHEARY
Lancaster, Pa.
717-687-0102

For Sale - Complete M & W turbo kit for JD 404 motor, fits 4020, 4010 & 4230, $600; also M & W turbo kit for 3020 & 3010, $500, good condition; also JD wide front end. 717-532-8601.

FARM EQUIPMENT

Used 85 KW Katolight diesel generator set, very low hours, excellent condition, must sell/make offer, 717-866-7565.

IH 155 4-18' rollover plow on land hitch, John Beam 300 gallon high pressure sprayer 30' boom, 609-259-7178.

For Sale - Farmall 560 gas with standard draw bar, Ripco feed blower, 1 pr. tire chains, size 13-6-38 like new, 215-926-3243 after 7 pm.

For Sale - used 7½ GE farm duty motors, good condition $495. each. 717-866-5708.

Made to order, taper board feeders & conveyors $13.50 to $15.00 per running ft., $250 for drive unit. Also wagon beds with or without racks and other farm related woodwork. Wakefield Woodworks, Box 346, Rt. 1, Peach Bottom, PA 17563, along Rt. 272, ½ miles east of Wakefield.

COMING SOON!...
★ John Deere Factory Fly-In
February 23rd and 24th
- Waterloo Tractor & Engine Works
- Moline Administration Center
- Harvester Works and Foundry

CALL NOW IF INTERESTED!

JOHN DEERE — SPERRY NEW HOLLAND

USED TRACTORS!
1977 JD 2840, 6 Cyl, 80 PTO HP, with Roll Guard, 158 Loader, Snowblade, 850 Hrs SAVE!
JD "A" w/Wide Front
JD "B" w/Cult, Plow & Vine Lifters
(2) Ferguson 30
Ford Jubilee w/Wagner Loader
Ford 9N

MISCELLANEOUS!
★ Used 60" Ber-Vac Front Mtd 2-Stage Snowblower, Fits JD 950 Compact Tractor Also Adapts To Similar Tractors Good Cond — $750!
★ New 48 HP Diesel Agra Power w/40 Hours, 3 pt Hitch, 540 PTO — SAVE! (Built by Fiat)
JD 205 Cornhead
JD 7 Ft Killifer Orchard Disc
JD 14' Disc
Small 8' JD Disc
JD 8' 3-pt Harrow
JD 290 Pull Planter
Woods C80 3 pt Rotary Cutter
Hesston PT-10 StakWagon

COMBINE!
1979 6620 SideHill, Choice of Hds, Fully Serviced, 2157 Hrs — Cream Puff!

USED BALERS!
NH 283
NH 271 w/Thrower
NH 77 w/Engine
NH 258 Rake

KERMIT K. KISTLER, INC.
Serving Our Customers Since 1945
Lynnport, PA 18066
State Highway Rt. 143
Phone 215-298-2011

FARM EQUIPMENT

For Sale - 1090 Hesston Wind Rower, Excellent Condition, like new, wholesale price $4,000. Call 717-866-4185 or 215-589-2966.

MF 750 Diesel combine sharp, IH 1566, Ford 4600, Vicon V Hay rake, 3 pt. 950 lbs. Vicon spreader. Erdley's, 717-524-2410, Lewisburg, PA.

For Sale - Two 16.9x38 tires, Mtd. on universal rims, 10% tread, no breaks, good for duals, $100 or best offer. Thirty old style Case Hydraulic couplers, $70 or best. Lanc. Co., 717-529-2723.

Papec Hammer Mill with hopper and bagger attachment good condition. 717-729-7661, $150.

Wanted - Parts for International Queen separator Model SS. If you have information call 215-944-0267.

Model 620 tractor, good condition, 3 pt. hitch, rollmatic, liver power trol, 215-495-6834 after 5:30 pm, Monday through Thursday.

For Sale - Ford 6600 diesel wide front 15.5x38 tires, good condition, $7500. John Weaver, RD #2, Stevens, Red Run, PA.

For Sale - PT7 Hesston haybine, excellent condition, asking $2,000. Lancaster County 717-367-7500.

656 Hydrostatic IH tractor, 3 point hitch, wide or narrow front, very nice shape, York County, 717-456-7372 before 9 AM.

For Sale - Auger wagon on wheels approx. 3 ton capacity, excellent for concentrate storage, very good cond. Call 717-359-7542.

For Sale: JD 145A 4-bottom plow & 11'6" Pittsburg Disc Harrow, 215-968-6993 after 6 p.m.

Spring wagon body with closed front. Also market wagon w/new paint, lights and brakes. To be sold at David Good sale Feb. 1st.

3300 JD Combine with corn head, $9,900; 4020 JD tractor 1970 with cab, $7,500; 3020 JD Tractor 1968, $4,900; 1020 JD tractor with utility bucket, $4,900; Gravity bin corn wagon, $750; NH mix mill 2 ton, $1,950; Chisel plow, like new, $1,050; East Berlin Acres, Rife Road, 717-259-0101.

New Holland 273 baler with super sweep and thrower, good condition, $2,600. 215-944-7453.

Chisel plow, 7 spring shanks make by Bush Hog, 2 bar gauge wheels, $750. 301-758-1497 evenings. Sheaffer.

Forklifts AC D-14 York-Baker, 18,000 cap. Clark 7,000 cap. White 4,000 cap. 717-875-2109.

JD 3020 Diesel, wide front, single hydraulic, excellent condition, $6,300. Call evenings, 717-677-9241.

JD 4230 with cab, quad range transmission, nice condition, $11,500. Call 717-532-7054.

For Sale - AC TL-10 rubber tire payloader. 90% rubber, works good, $3,000. Also parts for AC-C tractor. 717-784-1779, Columbia Co.

For Sale: Bale Thrower Wagons - Steel or Wood. Will fit sides onto your flatbed. Also Available: Flatbed Wagons.
STOLTZFUS WOODWORK
Rt. 2, Gap, PA. 17527
(717) 442-8972

FARM EQUIPMENT

For Sale - Cub Loboy tractor, cutter bar mower, disc, cultivator, plow, snowblade, good tires, $3,200. Phone 717-776-7925.

IH 806 D, new rubber with Waldon front mounted dozer blade, both front ends, $5,000. 301-833-9091.

JD 3020, power shift, new tires, nice, $5,500. 717-532-6892.

IH 856 D wide front, new paint, excellent condition, $6,500, 301-833-9091.

JD 34 manure spreader, excellent condition, $700, 301-833-9091.

Wanted - Harvestore conveyor scales. 717-786-2839.

For Sale - Int. #56 forage blower, good condition. 215-383-6818.

Ford 8000 tractor, dual power, good rubber, ready to go, reasonable. 717-786-2839.

For Sale - 1949 Dodge 1500 gal. steel tank truck very good engine and tires; (3) CRCO snap bean harvesters; (3) trailers w/conveyors; Oliver 2R potato digger; 1½ barns. 717-398-0226.

Wanted - Responsible married person with experience in milking. Like to milk AI preferred. No field work. Salary open. Call between 6-9 PM, 704-459-7632.

MF1100 Diesel, W.F., Multi-powr, dual hyd., good rubber $6000.00 or best offer. 215-445-5898.

260-A Int. backhoe, diesel, good condition, Call 717-428-2748.

Wanted - Rock-O-Matic stone picker, good condition. Franklin County, 717-532-9021 717-532-9021.

For Sale - AC 600 air planter, narrow 6 row conventional or no-till, monitor, fert. and insecticide hoppers. Also Landoll 7 tooth chisel plow 3 pt. w/depth gauge wheels, all in good condition. 717-442-8564.

For Sale - Case 970 with Turbo charger, excellent condition, 23.1x34 Firestone ATFR tires, Call after 5:30 PM, 814-382-8432, Conneaut Lake, PA.

Wanted - 3 point hitch snow blower Call 717-244-7393.

For Sale - 1250 Cub Cadette hydrostatic with mower and snow blade, $2,000. Call 717-244-7393.

For Sale - Woods 3 pt. hitch, 7' mower, like new. Call 717-244-7393.

For Sale - IHC Super A-touch control, cultivator, rt. hand plow, wheel weights, disc hillers, furrow openers, rear tire chains, 2 wheel trailer, leveling blade, 2 section harrow, all for $3,999. 1-717-345-8367, Schuykill Co., PA.

For Sale - Cunningham crimper $200, IHC (14p) corn snapper $225, IHC rear mounted mower (C) $150, IHC potato planter for parts $50, IHC potato digger 1x $125, 4 rolls snow fence $75, 2 wheel dump trailer for garden $125, 4 bus seat benches $100, '53 Studebaker PU mechanics special $235, "71 Olds coupe, works $300, 8 ft. Case disc/pull clutch $125. 1-717-345-8367, Schuylkill Co., PA.

1206 with cab, snow blower 7 ft., cub snow plow, 656 diesel Farmall with wide front end, 3010 JD, $3,500 and honey wagon. Call 215-777-0052 or 775-0508.

FARM EQUIPMENT

Skid steer loader, JD #90, 89 hrs. on new engine, new rubber, excellent condition, $3,000. 301-833-9091.

IH 656 wide front 3 pt. 814-793-4293.

MF 1080 diesel, with front, multi-power, dual hydraulics. 814-793-4293.

Oliver 1950T cab and air, dual hyd., original paint. 814-793-4293.

For Sale - IH 1456 w/cab, duals and PTO, good condition. 717-464-3697.

IH 656 wide front 3 pt. 814-793-4293.

For Sale - Popular 4 Auger stationary mixer with electronic scales used one year. Will deliver and guarantee for less than ½ new price. 717-758-2136.

For Sale - Custom built 2 row corn planters using J.D. Max-Emerge units. Pull-type or 3 point with or w/O fertilizer attachment. No-till or conventional. Pequea planter. Gideon F. Stoltzfus, RD#2, Box 2276 Gap, Pa. 17527.

500 E Crawler, like new, $10,900; International power unit w/clutch, $375; 900 x 16 tires, $45; 2 ton Yale forklift, preamatic tires, $2,000; 55 gal. drums clear varnish, $100 drum or small lots $2.00 gallon; small generator, no motor, $150; 18' Glasspar boat w/115 h.p. motor, 40 hrs. on motor, $3,900. 717-733-3980.

IRRIGATION PIPE - 24-6"x3" and 12-5"x3" Tico Valving Stations. 5000' of 4"x40' pipe w/Rainbird 40B sprinklers. 717-532-9108.

Cat 933G Loader 717-933-5734.

IH 3400 Backhoe Loader. 717-933-5734.

For Sale - IH 475 19' wing transport disc, $2900. Athens 131 11' heavy duty transport disc, $1400. Ford 140 toggle trip 18" 3 bottom fully mounted, high clearance plow, $950. 6000 gallon tanker trailer, new caps, road worthy with a little work, $1800 or $800 without tires and wheels. 717-837-0724 Snyder County.

Hit the Giant 45' Elevator..... $1050
Mighty Mac Skid Loader..... $3000
NI #33 Chopper... $1250
NH 27 Blower $550
JD 60 Tractor $1600
WENTZ FARM SUPPLY
Palm, PA 215-679-7164

JD 145 loader, good condition, 717-927-9483.

JD 2040 Tractor, 4 WD, like new, only 200 hrs. with model 143 loader. Price $12,800. 717-532-7054.

For Sale - Late model JD 2020 diesel with Hi-Low, only 1660 hrs. in A1 Condition. 717-532-8601.

For Sale - 1972 JD 4320, differential lock, dual hydraulics, WFE, good condition. 717-532-8601.

For Sale - Same Panther tractor 90 h.p. 4 WD ex. cond. Financing available. 717-864-3792.

Oliver 546 semi mounted six bottom 16" spring automatic reset plow, 215-297-5155, Bucks Co.

For Sale - New Holland model 353 grinder mixer - very good condition, 717-345-4110.

JD 3020 D narrow front width #47 loader, new rubber, $5500, 301-833-9091.

For Sale - NH 479 haybine, $1,300; 18' pipe bale wagon, $1,250; NH 276 baler with thrower, $3,300. 717-776-7888.

FARM EQUIPMENT

Oliver 1600 diesel ... point, 3 pt., 814-793-4293.

JD 3020 Diesel, wide front, dual hyd., 814-793-4293.

JD 730 diesel, electric start, wide front, 3 pt. hitch, 814-793-4293.

Oliver 1850 diesel, dual hyd., wide front, 814-793-4293.

David Brown 1200 Diesel w/loader, 814-793-4293.

IH 706 German Diesel, 3 point hitch, wide front, 814-793-4293.

IH 1066 with cab dual outlets, 3 point, 814-793-4293.

IH 1256 dual outlets, 3 point, original paint, real sharp, 814-793-4293.

IH 856 D, with roll guard, original paint, like new, 814-793-4293.

JD 720 diesel tractor Nice running condition. $2,600. 215-445-5834.

For Sale - Oliver 387, 23, IHC, and JD 2 way sulkey plows for horses; JD KBA Disc, JD and IHC corn planters. 717-687-0102.

David Brown 1200 Diesel w/loader, 814-793-4293.

For Sale - 2 row 30" row crop corn head, fits all JD pull type harvestors, good condition. $1900 or best offer, 717-656-7305.

Allis Chalmers no-til planter, 8 row, 30" air units, monitor liquid fertilizer. Used 1 year. Call 301-822-2395 or 301-822-3584.

New Idea 323 Corn Picker, excellent condition. Asking $3,000, 201-782-6609.

Orchard Sprayer - 4 piston high pressure Friend pump, 300 gallon cedar tank, 2 cyl. Wisconsin engine drives airblast fan $600. Dave 215-791-0776.

NOTICE - 1984 is here and time to think about 16' or 18' bale thrower wagons: We also built on your gear on repair Round steel hay racks, Hay rack and feed bunk combinations, plus other styles of mineral feeders Also other wood or steel products mfg. For free brochure write to
Bell Road Wagon Shop
Box 280 Bell Road
Christiana, #1, PA 17509
1 mile S. of Ninepoints off 896 on Bell Road Dealers Welcome.

NH Super 69 baler with #58 thrower; JD hay fluffer; IH 1PR corn picker, Lehigh Co., eves 215-679-8921.

For Sale - 1982 SAME 85 special farm tractor 82 h.p. diesel 4WD good condition under 500 hrs use, financing offered. Contact Tom Pearsall CIT Corp. 215-568-1050.

Wanted - International 140 must be high clearance, 914-258-4118 evenings.

JD 35 harvester with 2 row narrow head, set of steel wheels, 34" centers, 16" wide, 60" high. 215-445-4410.

For Sale - New twin disc clutch. No. 2 bell housing $1000; 5 KW Kohler emergency generator $1200, Berks Co., 215-683-7230 eves.

500-E Int Crawler, $10,900.00; 4-900x16 Tires, $150.00; 6.5 Amp 110 V generator only, $125.00; 2010 John Deere 4 cyl. Diesel engine, $2500.00; Backhoe, $2500.00 only; Front Loader only, $2500.00; Michigan Payloader Jmy Diesel 4-wheel Drive Rear Steering, $4200; Call 717-733-3980.

FARM EQUIPMENT

For Sale - Massey Ferguson 1085, 38" rubber, dual hydraulics. 717-587-3396.

For Sale - Complete landscaping outfit, '82 Ford 1900 tractor loader, 160 hrs. TT, 4 WD diesel, heated enclosed cab, 2 buckets, snow plow, scraper blade, harrow, plow, york rake, rotary mower, PTO log splitter, PTO saw buck, dump utility trailer plus other items. Low hours, never used on a job. Excellent snow mover. Over $26,000 invested. Buy now, $21,000 cash. Call 717-668-2706, D/N.

John Deere 4 Row #416 potato planter, excellent condition ready to plant. 609-259-2921.

Wanted to Buy - JD 2101 gas tractor, wide front end with loader and 36 inch tires. Call before 2 pm or weekends. 215-944-0255.

For Sale - 2 bottom hydraulic Stoltzfus plow - 16" Papec cutter, shredder bars - 202 NH criper. John Fisher, Quarry Road, Paradise, Pa.

For Sale - Top buggy on rubber with hydraulic brakes. Very good condition. New in 1980, $1,300. Union Co 717-523-8234.

8x14 Gooseneck trailer with removable sides. $1,000. Lancaster Co., 717-733-4583.

1970 Diamond Rio bulk bag truck, 220 Cummings engine, 13 speed road ranger transmission, 20' Thiele body with 3, 6 ton compartments, good condition; 1950 JD crawler tractor model 40, running condition; Saudor V plow, fits most make tractors, good condition; Ford series 309, 4 row corn planter. Works on 3 part hitch. Needs work or use for parts. 717-665-5927, open 8 AM - 4:30 PM.

664 Int. diesel, wide front end, JD 3010, $3,250, snow blower for tractor, 1206 with cab, 125 horse power, $7,000; honey wagon. Wanted - pair of 16.9.30 tires, Berks Co., 215-777-0052 or 775-0508.

1030 Case tractor with dual wheels, 70% rubber, average condition, $3,800 or best reasonable offer; JD 2010 Diesel utility, 60% rubber, runs good, metal, little rough, $2,500 or best reasonable offer, 302-349-4181.

White model 1355 4 wheel drive tractor with model 1514 full hydraulic loader and bucket, good condition, $6,750; NH model 256 rake, like new condition, used 1 season, $1,500; JD Van Brunt grain drill, model FB 15x7 with grass seeder, good condition, $700, United Farm Tools, 4 row stalk shredder, good condition, $650, Lackawanna Co., Call 717-587-1725.

Hough gas wheel loader, $4500.
DENNIS M. MILLER
Rt. 22 Grantville, PA
717-833-1888 anytime
717-469-0937 daily

For Sale - IH 844 cornhead with corn saver shield, excellent; also MF Model 12 baler with wagon chute, good York Co., 717-993-6393.

1066 IH black stripe, cab, heat and air, 20.8x38 radial tires, this tractor runs and looks like new, $16,000, 215-493-3040.

NH Pitmanless trailer mower, like new, $975; JD 10' transport disc harrow, $795; NI 17 manure spreader, $795; 12 A manure spreader, like new, $795. 717-354-0266.

For Sale - Farmall C, wide front end, front and rear cultivators with sweeps, excellent condition, 717-374-8269 6 PM, between 7:30 AM and 9:30 AM, 717-374-8141 ask for Gary.

IH 480 disk harrow, 20' new disks, $2250, 609-769-3183.

FARM EQUIPMENT

For Sale - 1956 Hough 4 wheel loader, model HO22A, $6,800. Myers 500 gallon double blast ag sprayer, mounted on Reo 6x6 army truck, $8,500. 34' Fruehauf self-contained live bottom trailer, $1,900. 2 Smitley range feeders, 4 ton capacity, one good $400, 717-473-3031 8-5 PM 717-473-3852 evenings.

For Sale - Hesston 12' Hydro swing haybine, good cond., 215-944-0791.

3300 JD combine, like new, 427 hours; JD 38 harvester w/pickup. Good condition, 814-926-3669.

Old two cylinder John Deere fly wheels rebuilt with our patented steel draw in hub which has the ability to tighten up on new or worn crank shafts. Also available new manufactured unbreakable fly wheels. Allen Machine Works, RD #7, Jonesboro, Tenn. 37699, 615-753-5738 day or night.

JD 3010 diesel. 814-793-4293.

Crawler Tractor Parts.
New and Used Parts Available for Cat, Allis Chalmers, IHC, Case, John Deere and others.
Rubber tired construction equipment parts available for Hough, Michigan, Galion and Cat Road Graders.
Call or write for equipment & parts brochure.
VILSMEIER EQUIPMENT INC.
Route 309
Montgomeryville, PA., 18936
Phone: 215-699-3533

Knight model 500 spreader, in excellent cond., 717-872-9152 daytime, 872-2579 evenings and weekends.

Hillside 6600 hydrostatic combine in excellent condition, $20,000. Larry Stalter "The Combine Man" 219-862-2151.

JD 3020 Diesel, wide front, dual hyd., 814-793-4293.

Oliver 1850 diesel, dual hyd., wide front, 814-793-4293.

Oliver 1950T cab and air, dual hyd., original paint, 814-793-4293.

6600 John Deere Hillside combine, excellent condition, $17,500. 219-862-2151.

USED TRACTOR PARTS, also rebuilt clutches and torques. We ship UPS. Hill-T Farm Sales & Service, 4295 Richmond Palestine Road, New Madison, Ohio 45346. 513-548-0718.

Gehl 6' Rotary Mower Pull Type $625; Pollard 5 Wheel Rake, $450; Case 3B Plow $350; 5' rotary mower (demo) $525; All equipment is in good to excellent shape. 717-687-0102 Lancaster Co.

JD 4020 power shift, dual hydraulics. 814-793-4293.

For Sale - Franklin County, PA - 1972 JD 4620 with 18.4x38 duals, side console, no cab; 1982 Glenco SS 9 soil saver; JD F350 6x16 auto reset plow, furrow hitch, 400 gal. Kuker saddle tank sprayer with disc kit for liquid fertilizer, complete 1 year old. 717-273-1872, prefer evenings.

Wanted to buy - Liquid fertilizer tanks, brackets, and plumbing for JD 7000 corn planter, 6 row. 717-837-0724 Snyder Co.

For Sale - FH 880 tub grinder, excellent condition, 703-234-9330.

For Sale - Myers snow plow 7½' w/frame to fit JD tractor model 2640. 215-584-5550.

JD LA wanted to buy for parts, call 301-862-2821 after 4 pm.

FARM EQUIPMENT

For Sale - JD 544 front end blade, H.D. 90-180 HP for earth or snow, like new, 717-733-4516.

Clay manager ranger, Electric silage cart, like new, used less than one year. 717-949-3074.

NI #12 manure spreader. Syracuse 2 way plow, exc. cond.; AC C tractor 717-949-3074.

FARM EQUIPMENT

MF 1080 diesel, wide front, multi-power, dual hydraulics. 814-793-4293.

G-1000 M/M very good condition, Case 800 3 pt. hitch w/PS., 301-833-1847.

1972 Ashley rubber tired front end loader. Also has mounts for grader, make offer, 215-385-3884.

FARM EQUIPMENT

Used Farm Tractor Parts, Large Selection. Wenger's 717-866-2135.

Used sawmills for sale. We buy and sell. Leroy Wray, R.D. 1, Douglassville, PA 19518. 215-385-3884

Chisholm - Ryder snap bean harvesters, all machines complete w/hyd. dump boxes, recond. and painted, 609-769-3183.

FARM EQUIPMENT

Combine, Harvester and Corn Head Parts For Sale off used machines. Wenger's. 717-866-2135.

Farm tires and tubes, fronts, rears and implements, low, low prices, Eddie's Tire Outlet, Willow Street, PA 717-464-5008 or Chambersburg, PH: 717-263-0013. Wilmington, DE 302-655-8500.

FARM EQUIPMENT

NH #346 tank spreader, right hand throw, excellent condition, $750, 301-833-9091.

JD #146 loader, like new condition, with 2 buckets and valves, $2000, 301-833-9091.

IH 1466 cab and air, dual hydraulics, like new, 814-793-4293.

For Sale - JD 450 loader; Gehl 960 forage wagon. Call 717-733-0575.

"LANCASTER" WET-CAST CONCRETE STAVE FARM SILOS
"LANCASTER" FEEDER AND CONVEYOR SYSTEMS
"LANCASTER" FIBERGLAS PRODUCTS

LANCASTER SILO CO. INC.

SUPREME TURBO SS SILO UNLOADERS
VAN DALE MAGNUM UNLOADERS
RITCHIE CATTLE WATERERS
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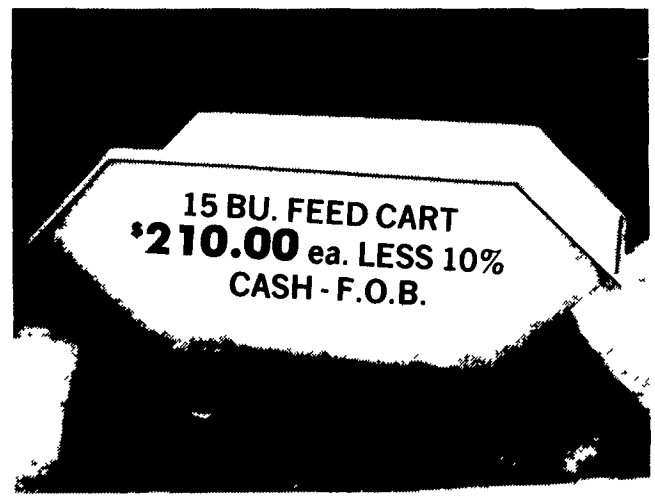
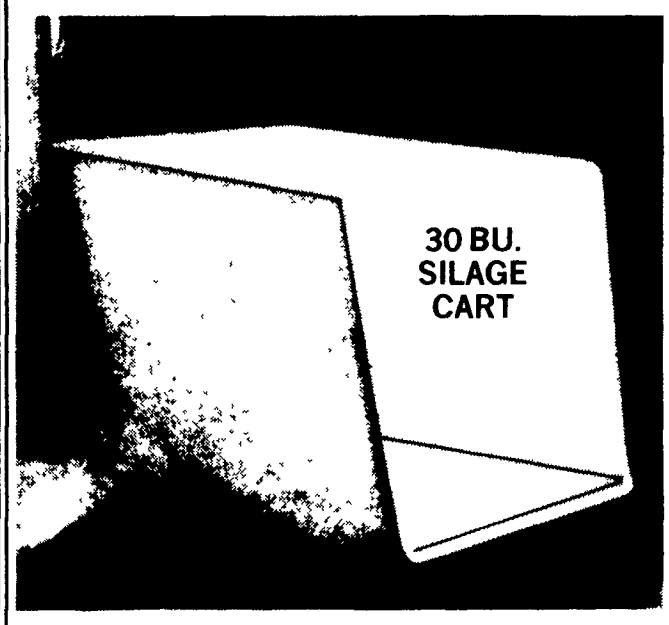
2008 HORSESHOE ROAD, LANCASTER, PA 17601

LANCASTER SILO "FIBERGLAS" PRODUCTS - NEW ITEMS MADE FOR LONGER LIFE, RUST & CORROSION PROOF.
STOP REPLACING METAL THAT ONLY LASTS A SHORT TIME - BUY LONG-LIFE "FIBERGLAS" AGRI PRODUCTS.

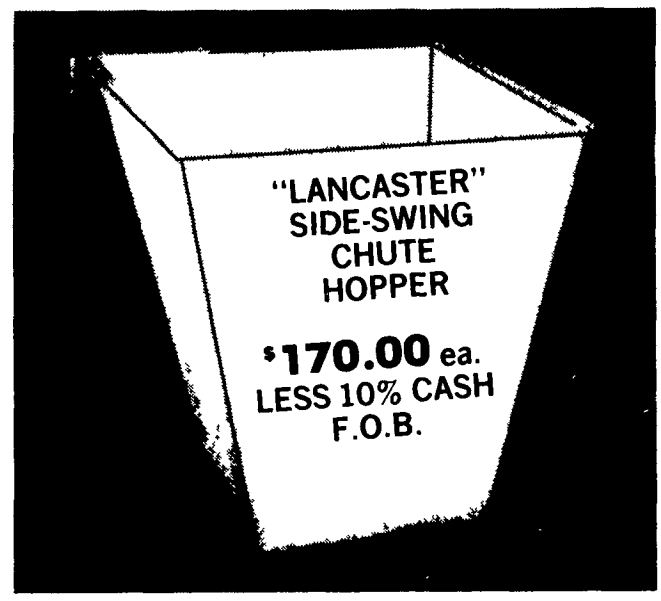


FIBERGLAS FEED CART w/2 AIR TIRES ON FRONT. HEAVY-DUTY MOLDED SWIVEL WHEEL ON REAR

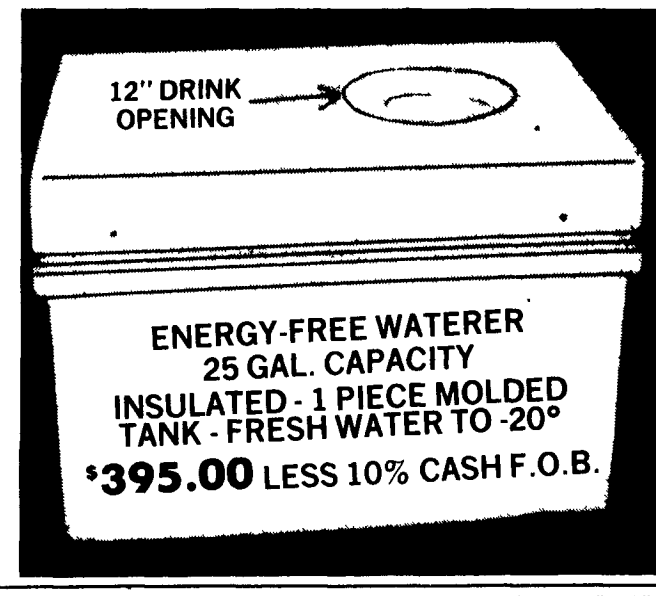


FIBERGLAS SILAGE CART - NO RUST NO CORROSION, 2-AIR TIRES PLUS 1 HEAVY DUTY MOLDED SWIVEL WHEEL

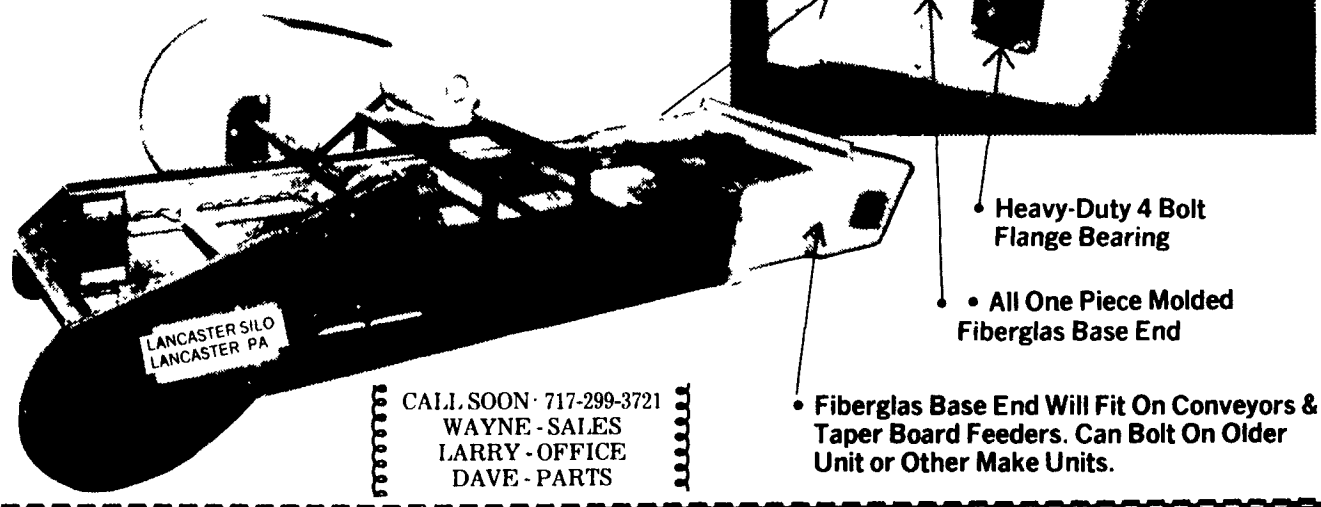
FIBERGLAS ONE PIECE MOLDED CHUTE HOPPER, FITS ANY SILO CHUTE. REPLACES WORN OUT METAL UNITS



"LANCASTER" FIBERGLAS ENERGY-FREE CATTLE WATERER - NO WIRING - NO RUSTING - NYLON VALVE - NO WASTE



ANOTHER "LANCASTER" FEEDING EQUIPMENT "NEW PRODUCT" FOR BETTER - LONGER LASTING - LOWER MAINTENANCE SAVINGS! "FIBERGLAS" ONE PIECE MOLDED BASE END FOR CHAIN CONVEYORS OR TAPER BOARD FEEDERS. REPLACEMENT UNITS FOR MANY OTHER BRANDS



• Heavy-Duty 4 Bolt Flange Bearing
• All One Piece Molded Fiberglas Base End
• Fiberglas Base End Will Fit On Conveyors & Taper Board Feeders. Can Bolt On Older Unit or Other Make Units.

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LARRY - OFFICE
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JD 4320 wide front, 18.4-38 tires, dual remotes. 814-793-4293.

Minneapolis Moline G900 diesel, original paint, like new, 814-793-4293.

MF 175 diesel, wide front, multi-ower. 814-793-4293.

JD 4010 diesel, wide front, excell. cond., 814-793-4293.

One New 354 NI Manure Spreader 390 Bu. Must Sell

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Steel Tank or Pipe

7' diameter, 32' long, ¼" thick, $1,550 without ends. Will cut in half, 16' length for bridge. We can deliver

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USED EQUIPMENT
NI 5 Wheel rake
Taylor-Way 14' Disc
NH #518 Manure Spreader
NH 346 Tank Spreader
NI 10 Ton Spreader
Ford #535 Mower Cond.
NH 358 Grinder Mixer w/scales like new
IH 1150 Grinder Mixer w/scales like new
14' Cultimulcher, Like new

USED TRACTORS
AC D14
AC 7060, low hrs.
AC 5050
Oliver Super 55 Tractor
Ford 860
Case 2290, like new
Used Lawn & Garden Tractors w/mowers

NEW EQUIPMENT AT USED PRICES
Many Models New Holland Spreaders

NEW EQUIPMENT
18'6" Amco Disc, $9800.
Bale King Hay Wagons
NH Skid Loaders
Hub Tool Elevators formerly N.H.
Gleaner Combines

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FULL LINE OF AC TRACTORS INCLUDING THE NEW 8000 SERIES CALL FOR DISCOUNT PRICES.

FREE PICK UP & DELIVERY ON MAJOR SERVICE WORK PERFORMED NOW THROUGH JANUARY 31, 1984.

ALSO 10% OFF ON PARTS USED ON THESE REPAIRS

BHM FARM EQUIPMENT INC.
RD1, Annville, PA
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FARM EQUIPMENT

For Sale - JD 4430 4 post synchro range, dual hydraulic, good condition. Priced to sell. 215-383-6818.

FARM EQUIPMENT

Army trucks, long wheel base, all wheel drive, tandem, 5 speed transmission, hi-lo range, $2750, 609-769-3183.

FARM EQUIPMENT

IH 56 corn planter with fiberglass boxes and insecticide boxes. Good condition, Blair Co. 814-793-2033.

FARM EQUIPMENT

Wanted - Used 30 HP 4 WD or Crawler type tractor w/3 pt. hitch and PTO loader optional. York County. 717-927-6564.

FARM EQUIPMENT

1967 JD 4020 dsl., power shift transmission, wide front end, 20.8 x 38 tires, differential lock, $5,500. 717-532-8601.

FARM EQUIPMENT

For Sale - J&M 250, 8 ton bin wagon, Lamco bale wagon, old storm windows, 717-258-6247, Cumberland Co.

(Combines on our lot)
Used J.D. 6620 Hydro w/heads
New JD 4420 fully equipt. 443 C.H. Used White 9700 rotary w/4 whl drive, grain and 6 row C.H. 1977 JD 4400 Dsl. cab and air real nice; 1975 JD 6600D rotary screen, good cond. 1976 Int. 715D, w/air & 13 ft. grain, field ready, never used in corn. 1977 Gleaner L2 hydro w/6 row C.H. 1976 Gleaner FD w/C.A. and 2 heads, 1976 Int. 915D w/810 grain head $18,900. 1979 MF 550D, excel. w/grain and corn heads. 1975- MF 510D hydra. w/grain and 43 corn heads.
MF 410 D. w/cab & Q.T. Grain head.
MF 510D w/cab, Quick Tach grain for $6950, Sale Price $5850. Case 960 w/cab and grain, real nice, $3950.
1968 Gleaner CII diesel w/cab and 4 row C.H. for $5250. JD 7700 D w/grain & corn head.
1969 MF 510D, cab & 2 heads for $9500.
MF 300 w/cab & 2 heads for $2900.
1969 JD 55 sq. back corn special w/cab and 2 heads; Int 715 gas w/cab, 810 grain Int. 810 13 ft. floating cutter bar.
Int. 303 w/cab, 1972 Gleaner F w/grain & 4 row C.H. for $11,900.
Gleaner E w/cab and 2 heads nice and good; Gleaner E III w/cab.
AC 90 pull combine.
NI 702D w/cab w/chopper and 2 row C.H. $6250. 702 w/729 A sheller.
We have 4 N.I. Uni 729A shellers from $1500.
TRACTORS AND EQUIP. JUST PURCHASED (New A.C. 8050 P.S. w/radial tires list 56, cost 44, our price $35,850. New JD 4250 w/front wheel drive. New JD 4240 C.A. P.S. new JD 4050 C.A. P.S. used JD 4440 C.A. Q.R. looks like new. Used JD 2940 Demo. JD 4430 w/Rops, P.S.
New Case 2590 fully eq. (SOLD), New Case 2090 Cab A.P.S. $22,900.00; used JD 4440 C.A. PS w/front whl. drive like new; JD 2950 w/C.A. Demo; Used JD 4040 w/R.G. and QR-nice. JD 4230 w/QR for $11,400, Used JD 4640 P.S. fully eq. like new; JD 4630 cab, air P.S. w/front whl. drive; JD 6030 C.A. Duals all original; Farmall 1586 C.A. real nice, 1981 1086 C.A. Farmall 1456 C.A. real nice, Farmall 1566 black stripe cab and air real nice, Int. 784 utility D, 1066 Hydro original, Farmall 70 Hydro. D, JD 4010D WF nice, Oliver 1850 w/dual wheels, Farmall 706 gas WF and 3 pt., 766 original, JD 720D, WF and 3 pt., Int., 504 utility D. Oliver 770 gas, NI 325 picker w/sheller like new. NI 325 picker w/12 roll bed; N.I. 324 picker w/12 roll bed; Case 1370 C.A. PS - factory duals and full wts.
We have 3 real good JD 4010 D. w/W.F., NH 258 rake, Oliver 5B hydraulic reset plow.
NI Combines Just Dealt.
NI 717 combine w/13 ft. grain; NI 738 4R N CH; NI 10 ft. direct cut head; NI 3 row 30" silage head.
(Tractors and Eq.- Just Received) MF 1135 CA MP real nice. Farmall 1468 C.A. $8850; Farmall 186 Hydro w/cab enclosure; Farmall 886 w/R.G., Farmall 756D WF and F.H. nice original, 756D WF 3 pt. INT. 656 utility D, nice original Farmall 504 tri D original Farmall 460 gas-$1875. Farmall 450 w/2000 loader. NH 357 Grinder- Mixer $3850.
Used JD 66 and 65 Blowers.
Used White 2-135 (SOLD), JD 3010 tri gas JD 3020 gas P.S. original, JD L w/Eq., Used NI 323 1 row picker $2150 Used Int. 1190 haybine for $3250.
AC 7010 C.A., P.S., 20:8x38 tires, full wts., light package looks like new, Ford 7600 w/dual power.
Ford 5000D, Ford 3000 w/P.S. Ford 8600 Dual Power.
Farmall 966 original for $9800.00. Farmall 504 original w/P.S. and 3 pt. Oliver 880 W.F. fully equip., JD 2840; Farmall 1066 w/cab & air $12,800. Int. 444 utility, gas, w/P.S. for $3850. Farmall 1586 C.A. w/20x38 duals used 1200 hrs. extra nice (SOLD), Farmall 656 gas. 706 gas, 504 w/W.F. & Loader. JD 730 D, nice. JD 620 w/PS, JD M w/plow and cult, JD 60 w/loader; JD 3020 PS w/cab, D.B. 990D.Hay eq. just traded, used NH 320 baler, Rakes, new NH 256, MC 9E Rotary Scythe.
New Holland 1034 Auto-Bale Wagon used 3 yrs. NH 1012, hay bale wagon 18 ft. 8 ton running gear.
JD 3020 Tri D. JD 4020D W.F., D.L. and 2 values w/cab. JD 4020D W.F. P.S. 2640, Farmalls 1586 4 post R.G. w/duals, 1086 w/cab, 1206 extra nice, Farmall M.
White-4 whl. drive, 4-180 fully eq. for $15,850 (Tractors Coming in) Int. 4786 and Int. 4586 - four whl. drive, JD 4020 D., W.F., P.S. and diff locks.) 1972 JD 3020 D. WF, JD 4840, fully equipped w/dual whls. real nice, JD 4430 C.A. QR, AC 220 original nice $8950, Farmall 1486 fully eq. like new. JUST TRADED- used Int. 3588 2+2 Int. 986 w/cab, M w/NI 319 mtd. picker, Case 1410D. (Harvesters) NH 890 w/3 row 30" C.H. 2 row snapperhead and pickup head. JD 243 snapper head. Forage Wagons.
JD 216 - tandem axle. NI 325 picker w/12 roll bed, JD 237 mtd. picker and sheller.
(new) 2 NI 323 cornpickers at old prices. $5450.00
New NI 324 2 row picker for $9750.
Used Fahr rotary 7 ft. haybine. JD 340 12 ft. offset disc, Glenco SS9 Soil Saver, JD 210 14 ft. Disc, Hesston #30 Stakhand.
CHISEL PLOWS- new Ford 13-ft. 3 pt. w/gauge whls.
HAYBINES- New NI 272 cut/ditioner- $3800; Used NH 489-$4000; Used NH 489-$3875 ; N.H. 461 real nice; N.H. 479. Used JD 1209 $2475; New & used Grim 4 star hay tedders.
New Grim Hay Tedders
Used NI 279 Cut ditioner. (Just Traded) N.I. 702 uni w/729A sheller and 743 3 row Q.A. corn head, real nice and field ready.
New AC 7010 w/20 sp. trans. Used 966-1 owner original, 1972 JD 4020, 3020 S.C. power shift, JD 4020 S.C. w/cab, 1968 JD 4020. MF 1135 w/cab. Farmall 350 w/P.S. and F.H., Farmall 450 gas PS and F.H., Ford 6000 Commander D.
Balers (new), NH 315 w/#75 thrower for $9300. NH 280 w/hydraulic tension and thrower. JD 336 Thrower. New Idea #456 round baler.
TRACTORS & EQUIP. Farmall 1566 w/cab and duals, Used White 2-105 w/roll guard.
New John Deeres 4240 cab & air Q.R. for $30,000; New JD 4440 C.A. QR w/radial 20x38 tires for $36,250.00. Local trade ins - Used JD 4230 CA QR, JD 4320, 4020 side console, 3010 gas, Ford 600D (SOLD). W.F. Equipment - JD 8200 grain drill and grass seed, JD 1209 Haybine, JD 336 Baler w/thrower, Gehl 940 Forage Wagon. Six real nice balers, JD 500 Round Baler; Hawk Bilt round baler. 2 used NH baler w/throwers #280, 269.
Int. 420 w/thrower.
Corn Heads JD 643, 444, 244, 243, 843, 343, 443, 435N, 313 for 45C, 235, Massey Ferguson 1144 like new, 63, 43, 44, 24, 222, 422, Gleaner L438, F430, F438, K238, F335, F330, M430, K330, Int. 863, 864, 844, 744, 843, 227, NI 4 row 40" heads, Case 4 row 40", MF 44 & 43 Lo Profile, NH 4 row 38" C.H. New JD 444 $7350 reduced to $6875. JD 443 used 2 seasons; Gleaner A430 used 4 years. 60 corn heads on lot. NI 738 and 728 4 row 30"
New Int. 810 13 ft. grain head.
Used Gleaner L2 grain heads.
2 used MF 63C Corn Heads to pick from. 4 used #810 Int. 13 to 16 ft. reg. and floating heads.
(New Farmalls) 5088 C.A. for $34,850 New 3688 fully eq., $30,800.00.
(Used Farmalls) 986 w/cab, 686 nice (SOLD). 706 gas. 1206 real nice, used JD 4230 w/R.G. and creeper gear, 1966-4020. We have 7 JD 4020 side console diesels. JD 2640, 1970 JD 5020, JD 4430 C.A., Q.R., 1972 JD 3020 D., W.F., JD 3020 w/power shift and cab, Farmall 130 w/1 row cult., Farmall 460 D. w/loader $1875, Ford TW20 w/cab w/220 hrs., damaged. 1972 JD 4020D, WF.
New NI 324 picker w/super sheller list $15,390. Special $8,475. Farmall 706 w/310 German D w/cab, JD 2520D, MF 1135 w/R.G. and dual wheels, Int. 656 utility Hydro D. NH 890 2 row snapper head. JD narrow 30" 2 row head, like new.
NI 325 pickup w/12 roll bed used 4 yrs.
TRACTORS JD 4320, Farmall 544 gas W.F. Farmall 706D WF & 3 pt.; NI 324 picker w/super sheller used 80 acres.
JD 4020 W.F. power shift, good tires ; Case 1070 P.S. $6975; JD 4010 Tri D, Farmall 766, Case 930 Standard, New Holland 770 w/2 row 30" C.H. NH 890 Harvester w/2 heads, Deutz 9006.
CULTIVATORS - New Case 3 pt. 8 row Hydro fold. JD 4 row & JD 6 row rear.
CORN PICKERS - New NI 325 w/12 roll for $11,800, used N.I. 325 w/12 roll bed current model. Used (2) N.I. 324 w/12 roll bed (325 N. w/sheller), NI 3 row 30" picker w/super sheller, New Idea shellers and Super shellers, N.I. 2 row 30" picker w/ grinder. NI 319 mtd. picker, JD 300 w/2 or 3 row C.H. JD 300 w/243 C.H. NI 311 - 2 row.
JD 4020 w/58 Loader, JD 4320 w/cab, JD 5020 - Pull Tractor.
Farmall - 1568 w/cab & air used 1000 hrs., 1566 w/cab, 1466 w/cab. 886 w/cab, 800 hrs., like new. 856 w/38" tires, very nice; Farmall 460 Gas w/F.H., Farmall 756 gas, Hi Crop- 656 diesel, 756, Farmall cub w/mowers.
HARVESTERS. Used JD 3960 w/long tongue, used JD 3940, JD 3800 w/2 row C.H. and pickup for $2850, N.H. 890 w/3 row 30"; NH 890 w/2 row; NH 770 w/2 row 30" C.H. Int. 720 - 2 row. Fox 2 row snapper head. NH 770 1 row snapper C.H.N.H. 890-2 new snapper head, new N.H. 890 new corn head used N.H. 770-H824 2 new corn head and pickup head, Fox 2 row 30" Silage Head, JD 1 row snapper head for 38 & 3800. JD 4 row Stalker head, like new.
ALLIS CHALMERS AC 180D w/cab and air, 185 w/turbo. 7040 w/cab, power shift like new, low hrs. 220 original, 210 w/new 20.8x38 tires, AC H3 Crawler w/blade and winch.
2 JD 4 wheel drives 8630 fully eq. w/duals; & 7520 fully eq. w/duals.
JD 5020 puller.
FARMALLS: 1066red cab & air, Used 686 w/cab & air, 1206 w/cab, 806 w/3 pt. & 38" wheels, Farmall 656 Diesel & 656 gas, Farmall hydro 70 w/w.f. and 3 pt., 826 hydro D nice.
New White 2-65 w/front whl. drive and new 1730 loader, list $29,000.
Dealers net $23,700. Our special price $21,850.
New White 2-105 w/cab $22,850.
MASSEY FERGUSON - 1085 w/cab, original 2 MF 1155 w/C.A. M.P., MF 1130 for $6250. MF 1080D, MF 165D. Case 930D real nice, Case 930 Standard D. real nice, Case D.B. 1200 for $3900. Oliver 1950T w/Cab for $6950.00. 2050, 1855 w/20:8 tires, 1850 w/cab, 1855 w/duals, Oliver 1600D W.F. MM Vista 1000 w/cab and loader, MM S670 diesel.
Farmall Super A.V.
Fords - 3000 w/p.s. Jubilee 850, 1952-8N.
N.I. 702 Uni tractors w/ combines & 729A and 729 Uni shellers w-3 & 4 row 30" and 40" heads. Used JD 13 to 15 ft. grain heads.
IND. EQUIPMENT - Int. 500E crawler loader w/270 hrs., like new. Cat 933 crawler loader.
Int. 2400D L&B.
AC 600-21 ft. forklift.
Int. 3400D. L&B Howard 3 pt. backhoe, Long 1199A-3 pt. Backhoe like new $3850.
Bobcat 720 Hydro Skid Loader.
Ferg 30 w/loader. Mechanics Specials.
Case 1410. Farmall 706 gas needs trans work, $2900.
MF 1155 CA MP $8850.
PLANTERS- New JD 6 row Conserv. no-til w/dry insect and monitor, call for price. Used Int. #800 6 row fully equipped w/no til and monitor-NICE. (new) White 5100 4 row planter w/monitor, JD 1460 6 row no-til liquid plateless Inst. - $1975, JD 6 row conservation inst. fert. fill, population monitor and acre fully equipped. Used White 5400 4 row air, w/dry, Inst. no til and monitor for $2000.
JD 7000 8 row w/liquid and no til. JD 7000-6 row w/no. fert., JD 4 row 7000 w/no-til and monitor. Oliver 6 row no til w/dry fert., inst., fert. fill and population monitor JD 444 corn heads from $2450 and up.
Papec Grinder Mixer.
Cabs for JD and Int. Tractors.
Glenco 12 ft. 9" Soil Finisher like new.
Brady 14 ft. pull chisel plow w/Buster bar.
2 Int. #5500-13 ft. chisel plow, Int. 9 ft. Chisel plow, new 9 shank soil saver (SOLD), used Athens 10 ft. offset.
DISKS - Athens and Bush Hog 12 ft. and chisel plows.
Pick-up heads for NH 770, 717, Miller 12 ft. offset disk, JD Disks #210 - 12x14 ft. New Westfield grain augers 41 ft. 8" KD=$1395, 56 ft. 8" KD=1995. (new) N.H. 363 tank spreader for $3675. NI 214 nice, JD 54, Kawannee 10 ft. & 12 ft. roller harrow, good.
Brillion 13 ft. roller harrow, We have new 4,6,8 ton running gears at low, low prices.
2-used Danuser Post Hole Diggers.
New 3 pt. 8 ft. heavy duty blades.
JD #115 - 3 pt. 9 ft. blade. New JD front dozer blade for 4520 thru 4620, 4430 and 4640.
New Leon front dozer blades for Case 4 whl. drive tractors.
NH 36 Flail Chopper; Brady 722 Flail Chopper.
PLOWS - Ford 6xsp, reset, onland hitch, like new, Int. #710 7x16 sp, reset on land hitch, JD 2500 6x sp. reset, JD 5x hyd. Int. #700 5X auto reset, fully eq., Int. #710 6x16 sp. reset, Int. #720 6x16 sp. reset on land hitch, Ford 5X sp. reset, JD 5xSemi trip rollover. Oliver 4x16 rollover, Int. 4x16 roll over, JD 3x16 rollover, Chisel Plows. Brady 12 ft. & 10 ft. chisel plow 2-Brillion 10' 3 pt. chisel plows Rockland rock picker. New Johnson loader.
Used JD 330 hydraulic fold disk. Used Int. 496 20' hydraulic fold disk. Oliver Dual Whl. Disk, AC 12ft. Disk.
3 JD 9-12 ft. Disk, JD 3 pt. 10 ft. Disk, Howard 13 ft. rotovator.
Used JD 310-12 ft. disk like new, new 12 ft. 3 pt. field cultivator.
New Landoll 24 ft. hydraulic fold chisel plow.
Straw choppers for combines; JD 4400, 7700, 6600, MF 510, 550.
JD Disks- TWA 12 ft.-14 ft. heavy disk.
Ford 12 ft. Heavy Disk. Used JD 400 15 ft. rotary hoes, Kawanee 22 ft. Wing Disk.
Ford 20 ft. wing disk.
DRILLS- Used JD 8300 21x7 DD w/press wheels.
Int. 510-16x7 D.D. w/Fert. and grass seed.
Int. 510 18x7 DD like new, MF 43-21 SD grain.
JD B 16 DD w/grass seed.
Loaders, new Int. 2350 and 2355 - Used JD 148, JD 58, Int. 2350, 2250, like new, also set of forks, like new, MF #246 like new (SOLD), (new) G.B. loader, 3 pt. hitch for 630 and 730 JD tractor. New and Used J.D. Quick Couplers. 2 Used 30.5x32 tires.
No Til Attachment for Int. 4 row 400 planter complete.
TRUCKS - 1979 Chev. C65 24 ft. rollback w/61,000 miles, like new.
Int. Scout 4 whl. drive, 1976 KW Truck Tractor w/350 Cummins D. 13 spd. all chrome wheels and fully eq. looks like new, Delta 44 ft. combine trailer, 1980 Silverado Chevy diesel w/every option, looks like new.
(New) NH Direct cut head for 770. (New) Kill Bros. gravity bins. New Kill Bros. 6 & 8 & 10 ton running gears. Pick up heads for Int. 550, 650, 350, Fox pickup head, (20) sets of dual wheels all sizes.
JD front & rear weights, IH front and rear weights.

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WHITE FARM EQUIPMENT

NEW EQUIPMENT

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2-75 Tractor
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225 Field Cult., 19'

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AVCO NEW IDEA

NEW IDEA-
384 Solid Plus Spreader
352 Spreader
353 Spreader
213 w/215 Cylinder Paddle

KUHN-
17' Gyrotedder

USED EQUIPMENT

White 5400 4-Row Planter
2-35 White Tractor
2-105 Tractor w/Cab, Low Hours
800 Series Ford
Reconditioned 214 w/217 Spreader
218 Spreader, Reconditioned
Gehl 115 Grinder Mixer

OPEN HOUSE
Feb. 7th
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Case 930 Dsl, WFE
MF 175D 8 speed
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AC D17, PS
AC D15 Series II
AC WD45
Farmall Cub w/Attch.
Farmall Cub w/mower
Farmall 504 3 pt.
Ford 9700 Dual Power
Ford 8000 Tractor
Ford 7000 Fully Equip.
Ford 5000 D
1971 Ford 4000 Gas
Ford 4000, live PTO
Ford 3000 8 Speed
Ford 2000, PS
David Brown 1200
David Brown 780
Satoh Elk w/mower
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MF 33 Grain Drill
NI 206 Spreader
NI 216 Spreader
MF 6' Rotary Cutter
NH Flail Chopper

TRACTORS & LOADERS
(2) 3400 3 pt.
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Ford 8N w/Loader
Ford 3000 D w/Snowplow
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Ford 801 backhoe
Satoh 650 PS
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MF 203

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Oliver 1600 gas, 15 5x 38 tires, narrow front, 3 pt. hitch, excent condition, $3,950
IHC 1066 Diesel, 3500 hours, TA, 540-1000 PTO, 18.4x38 tires, Coming in
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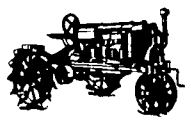

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(Built 1927 to 1929)

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Open 8 to 9 Daily

AC 7000 Dsl. Tractor
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AC 200 Tractor w/Cab
AC 185 Tractor
AC 160 Dsl. Tractor w/ Loader
AC 160 Tractor
AC C Tractor & Cultivator
NI #214 Sgl. Btr Spreader
OMC #83 Grinder Mixer
OMC 540 Stacker & Mover
8C Hydra-Mac Skid Loader

Coming-- OPEN HOUSE Feb. 7 & 8

ROY H. BUCH INC.
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FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

Umberger's Of Fontana

RD4, Lebanon, PA (Fontana) 717-867-5161 or 717-867-2613
Mon.-Thurs - 7 30-5:00; Fri. - 7 30-8:00; Sat. - 7:30-4:00

New Idea
Gehl
Brillion

Hesston
Bush Hog
Glencoe

Wic
Kilbros
Gilson
Toro

Trustworthy Hardware! The Problem Solvers

USED EQUIPMENT	Daily Reduc.	Price 01/28/84
729A NI Uni Sheller	$5.00	$1405.00
770 NH Harvester w/2 RN & PU	$5.00	$4541.00
676 NH Tandem Axle Spreader w/gate	$5.00	$1844.00
FB 88 Gehl Blower	$2.00	$580.00
66 JD Blower	$3.00	$985.00
FB 99 Gehl Blower	$3.00	$990.00
10' Bush Hog 10 Tooth Chisel	$3.00	$1090.00
10' KBA JD Transport Disc	$2.00	$780.00
Allied 1 Ton Grinder/Mixer	$4.00	$1810.00
MX 120 Hyd Drive Grinder/Mixer	$5.00	$3175.00
717 NH Harvester w/1RN	$4.00	$1410.00
212 217 NI Single Beater Spreader	$4.00	$1155.00
214-217 NI Single Beater Spreader	$4.00	$1055.00
213 215 NI Triple Beater Spreader	$5.00	$1875.00
218 NI Spreader w/Hyd Gate	$5.00	$2475.00
IH 6x16 Semi-mount Plow	$4.00	$1650.00
83 Oliver 2 Row Wide Pull	$5.00	$1815.00
Kasten 2 Beater 16' Unloading Wagon	$5.00	$1215.00
763 3 RN NI Uni Harvester Head	$4.00	$1260.00

New Ber-Vac Snow Blower 96" cut
(1) pair 18.4x38 (1) 20.8x38 Tractor Chains
White #543 no-til 4 row planter
JD 1240 4RN planter
IHC 560 Tractor
Gehl 72B 6' Flail Chopper
NI 244 8 ton Manure Spreader
NI 214-217 Spreader w/hyd. gate, top btr & Gratz web

Extra Discount on all new New Idea Spreaders

(new) Hesston 2240 18' wing field cultivator
((new) Hesston 2420 12' 3" disc w/dura spring gang hangers
(new) Herd #750 3 pt. Seeder

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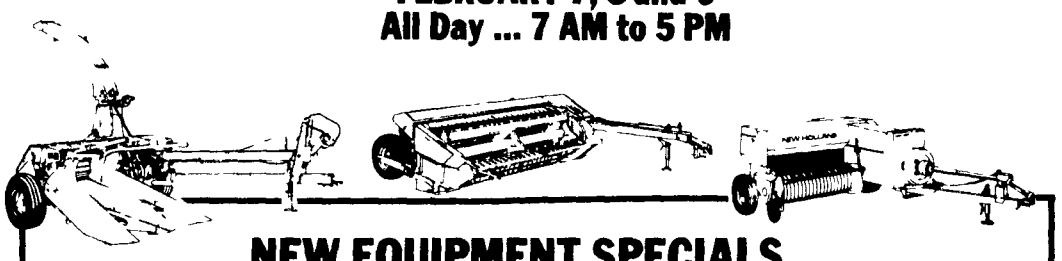
TUESDAY, WEDNESDAY, THURSDAY
FEBRUARY 7, 8 and 9
All Day ... 7 AM to 5 PM



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NEW EQUIPMENT SPECIALS

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NH #311 Baler PTO		$6300
NH #311 Engine Baler, Hitch & Chute, Steel Wheels		$8700
NH #456 Mower		$2240
NH #30 Blower		$2865
NH #28 Blower		$2915
NH #718 Harvester (1 only)		$6100
NH #519 Spreader, 11:20 Tires		$4725
NH #425 Skid Loader 60" bucket, 10:50 Tires		$12,675
NH #303 Liquid Tank Spreader, Demo Rental w/injectors		$6950

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Pittsburgh 12' Field Cultivator, 1 only	$1295
Butler Nesseth Trail Manure Pump (Rental)	$4950
Hutchmaster Disc 22x¼" blades D.O.T. Flex Gang 5600 lbs.	$6200
Dunham 3 Bar 8 Tooth Chisel Plow	$1695

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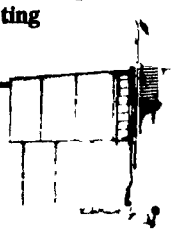
NH 276 Baler w/58 Thrower, elect. cont. Excellent Condition
NH 467 Haybine
Hesston 1090 Haybine
NH 451 Mower
7' 3 pt. hitch York Scraper Blade w/100 h.p. rating
NH 273 Baler
NH 56 Rake
NH 770 R2 Corn Head
NH 717 N2 Corn Head
NH 717 Pickup Head
12' Mid West Harrow
Bush Hog 5' Rotary Mower
Case 4B Plow
Oswalt 1830 Ensilmixer



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JD 4430 Tractor w/Roll Guard
JD 4430 Tractor w/Row Crop Fenders
JD 4240 Tractor w/Cab, PS
JD 4030 Tractor
JD 4020 Side Console, WF
JD 4020 WF
JD 4010 Tractor
JD 2640 Tractor
JD 2640 Tractor w/145 Loader
JD 2440 Tractor
JD 2040 Tractor
JD 2020 Tractor w/Loader
JD 950 Tractor w/loader
JD 420 Lawn Tractor
Farmall 656 Tractor
Farmall M Tractor
IH 154 Lo-Boy w/mower
AC 7000 Tractor w/Cab
JD 7000 6R Consv. Planter w/Liquid Fert.
JD 7000 4R Consv. Planter w/Dry Fert.
JD 7000 4R Consv. Planter w/liq. fert.
JD 1240 4R Plateless Corn Planter
NI 325 2R Corn Picker
NI 323 1 Row Corn Picker
JD 3800 Chopper w/2R corn head
JD 35 Chopper w/2R corn head
JD 110 Disc
JD BWA Disc
JD B Plane 15 Disc Grain Drill
JD Kilafor offset Disc
JD FB Grain Drill
JD 950 10' Roller Harrow
JD 4400 Combine w/Platform & C.H.
JD 4400 Combine w/444 Corn Head & 13' Platform
JD 7700 Combine
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Gleaner A Combine
JD 34 Chopper w/1 Row Corn Head
JD 244 Corn Head
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JD 1450 4B Plow
JD F145 5B Plow
JD 145 6B Plow
IH 5B Plow
IH 6B Plow
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NH Tank Spreader
NI 214 Manure Spreader
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JD 317 Lawn Tractor
JD 300 Lawn Tractor

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JD 1530 D w/145 loader
JD model 50 tractor
JD 620 tractor
JD L Tractor w/plow & cultivators
IH 1086 tractor w/cab
JD F125, 4x16, 3 pt. plow
JD F145A 5x16 semi-mount plow
JD F350 4x16 hydraulic reset plow
Freeman loader for MF 135 tractor
Sauder loader for JD 2010
JD 78 scraper blade
Brady 80" shredder
JD 709 rotary cutter, like new
JD 336 baler w/ejector
JD 346 baler w/ejector
JD 567 6 wheel rake, like new
IH 56 corn planter w/disc openers
Oliver 10' transport disk
JD 494A Planter
JD 8300 grain drill, dd openers, 21x7
JD FBB 17x7 grain drill
JD FBB 17x7 grain drill for parts
JD 444 corn head
JD 7700 combine w/6 row corn head

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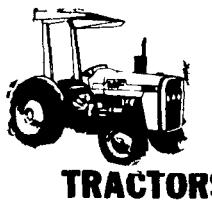

MF Massey Ferguson

TRACTORS & EQUIPMENT

Ford 4000 Tractor
Ford 4000 Turf Tractor
Ford 3500 Tractor & Loader
Ford 641 Tractor w/Loader
MF 150 Tractor
MF 20C Tractor w/cab & loader
AC D17 Dsl. Tractor
IH Tractor & Loader w/Forklift Attch
MF 760 Combine w/Attchs.
IH 440 Baler
NH 320 Baler w/thrower
NH 315 Baler
NH 269 Baler w/thrower
NH 510 Manure Spreader
NI 213 Manure Spreader
Hesston PT10 Mower Cond.

NEW M.F. EQUIPMENT

MF 285 Tractor
MF 245 Tractor
MF 1010 Tractor
MF 20 Turf Tractor
MF 236 Loader
MF 236 Loader to fit MF 184-4 Tractor
MF #43 2B Plow
MF 820 Disc Harrow
MF 520 disc harrow
(2) MF 320 Disc Harrows
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 18 Scarifier Scraper Blade
MF 124 Baler w/Thrower
MF 218 3 pt. Rotary Cutter
MF 222 Scraper Blades

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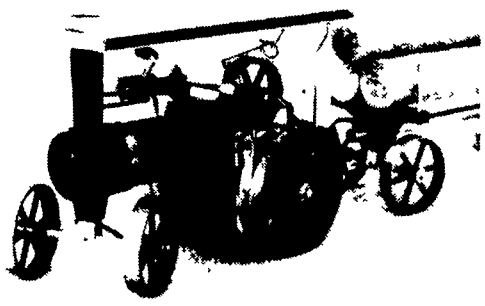
FARM EQUIPMENT

NEW! LIVE STEAM TRACTORS



- This working replica was used years ago in lumber Camps and Threshing Runs These tractors come complete with Brass Boilers, Copper Steam Pipes, Steel Fire Box, Cylinder, Piston and Whistle that actually blows Made of Brass Uses water and burns solid fuel supplied Takes 3-5 minutes to raise steam then will go ⅓ of a mile Self Propelled Develops 1/15 Hp, 3000 rpm 10" long, 7" high, 5" wide Weight 3½ pounds Fitted with reverse control, sight glass and steering extension Can also be used to drive workshop models N A T R Award winners Made in England A real work of Art, gleaming and Beautiful Makes an ideal Mantel piece $109 95 Postpaid
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* Ford 3000 diesel PS
* JD 4030 QR 4 post
* JD 4430 Cab, QR
* (3) JD 8430 tractors loaded 3 pt. PTO & duals
* AC 190 XT Dsl.
* AC 5040 Diesel

USED HAY AND FORAGE EQUIPMENT

* JD 336 Baler w/Kicker
* JD 3800 Fg. Harvester w/2 row wide corn head

USED TILLAGE

* JD 7000 6R 30" Planter
* AC 4 row tool bar planter #50 Units
* Oliver 10' Drill w/grass seed
* JD 400 Rotary Hoe 20'
* Case 10' Disc
* JD 210 Disc 12' 10"
* Ford 24' Disc
* Brillion 12' Chisel Plows

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* JD 16' Rigid Platform
* JD 220 Flex Platform, like new

MISCELLANEOUS

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* G.E. Electrack Mower
* JD 214 14 h.p. Mower
* JD 212 12 h.p. Mower
* JD 57 Rider
* AC B112 12 h.p. Mower
* IH 154 Cub-Low Boy
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FORD 5000D, 4000 Gas w/loader, 2000 w/loader, 801 Powermaster, 800, 601, 8N.

MASSEY FERGUSON 265 D, 175 D w/loader, 165 Gas, 150, 135 w/loader, 135 Gas P S (640 hrs.) 50, 35, 30 D w/loader, 20 w/turf tires, Ferg 35, MF 40 Tractor Loader.

JOHN DEERE 2640 D, 3010, 2020, 1020, 2440 w/loader, 3020 D Power Shift side consul, 3020 D w/M&W turbo, 1530 w/loader, 4020 w/cab, 630, 40 w/snow plow, B w/loader, M w/mower & plow, H.

IHC 806D, 706 D, 544 w/loader, 504 3 pt, 364 D, 340 w/loader, 230, 140 High Clearance w/cultivator, H wide front end, Super A, Cadet w/mower.

KUBOTA M 4500 4wd Tractor w/loader - BEST BUY.

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Used Hay & Grain Elevator w/motor, NH 358 & 352 Grinder Mixers, GEHL Mix All, IHC Mixer Mill, Tub Grinder Farmhand 890, DION, NI, IHC, GROVE, BIG BLUE Forgae Wagons, NI Corn Pickers 1 & 2 row, HESSTON Stack Mover, 10W & Stack Processor 10, NEW UEBLER Silage Elevator 20' w/motor, 15' dump wagon, FORD Power Units, Various sizes, Like New IHC 110 w/rool, 3 beater forage wagon, GEHL 940 3 beater Forage Wagon w/roof.

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AC 840 Articulating Pay Loader, HD 4 Track Loader, H-3 Dozer w/6 way blade, 706 B Fork Lift w/cab, 615 Tractor Loader, Grader, JD 440 Log Skidder, JD 401 Loader, 350 Dozer w/6 way blade, Industrial MF 165 w/angle snow plow, FORD 4500 Tractor Loader, 3 pt, PTO & Cab, CASE 850 Dozer, 3 to 5 Ton Industrial Roller, BOBCAT 611 Skidsteer w/Deutz Diesel Engine - just rebuilt, FORD 801 Fork Lift, Ford 3500 Diesel tractor loader back hoe.

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GRIMM PTO Hay Tedder, AC Garden Tractors w/snow Blades, AC Short & Long Hopper Blowers for Sawdust etc., 8' Big Beaver Scraper Blade, 4' Snow Plow, Hyd 4 way Blade, Dunham Lehr Loaders, BRILLION Cultipacker Seeders, GMC Power Unit w/PTO Clutch, 1 & 2 row IHC & JD Potato Diggers, MYERS ST 90 Power Angle Snow Plow, AC 8' Grain Drill, JD 1550 3 pt PTO Seeder, AC Snow Blowers, 6' Jeep Mtd Snow Plow, Reset Plows - IHC & FORD 3 btm 3 pt, JD 4 btm 3 pt, AC 4 & 5 Btm, FORD 4 & 5 btm, AC 716 H L & G Tractor w/42" mower, AC 720 w/mower, snow plow & sickle bar.

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JD 2350
JD 2550
JD 2750

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JD 235 19'11" Disc
JD 1250 3B Plow
JD 1010 Field Cultivator SOLD
JD 1610 Chisel Plow
JD 415 Rotary Hoe
Glenco SSP 7B Soil Saver

HAY TOOLS
NH 489 Haybine
NH 58 Thrower
JD 337, 347W Balers
JD 3940 Harvester
NH 38 Crop Chopper
NH 311 & 316 Balers
NH 451 Mower
NH 256 & 258 Rakes
NH 782 Harvester

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JD 215 Flex Platform
JD 643 Corn Head
JD 6620 Combine
JD 213 Flex Platform
JD 444 C. Head
JD 4420 Combine

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JD 1065, 1075 Wagons
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NH 230 Wagon
Century 500 Gal. Sprayer
DeLaval Manure Pump

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JD 8200 18x7, 21x7 Plain Drills

USED EQUIPMENT
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JD 4320 w/Cab
JD 4020 Tractor
IH 966 Tractor
JD 2040 Tractor
NH 791 Manure Spreader
NH 320 Wire Baler w/hydraformatic
AC K2 Combine
JD 643 Corn Head
JD 244 Corn Head
JD 7000 6R Planter w/Dry Fert.
NH 770 Fg. Harv.
Fox 3000 Fg. Harv.

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IH 656D, reconditioned	$ 6,900
MF 1085	$ 7,900
MF 1080	$ 5,900
JD 950 D/6' mower, 450 hrs.	$ 6,900
JD 950 D/75 Loader, 155 hrs.	$ 7,500
Ford Jubliee w/loader and plow	$ 3,500
JD A	$ 1,100
IH 1486 w/duals	Coming In

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82 JD Sidehill w/15' Flex Head	$69,000
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78 JD Sidehill	$40,000
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MF 468 4R and 6R Planters	$ 1,000
(3) 2 Row JD Planters	$300 and up
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JD 1240	$ 1,800
JD 1460 6 Row	$ 3,500
JD 8350 21x7 DD Drill, new Discs	$ 4,500

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JD 950 12' Roller Harrow	$ 2,700
JD 1450 5x16 Plow	$ 2,900
Pittsburg 14' Disc	$ 1,900
Pittsburg 12' 3 pt. Harrow	$ 590
Ford 6' 3 pt. Disc	$ 750

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IH 650 Harvester w/3 heads	$ 2,100
JD 3800 Harvester w/3 heads	$ 5,500
NH 770 Harvester w/2 heads	$ 3,500
NH 36 Chopper	$ 1,500
JD 1209 Mower/Conditioner	$ 3,500
JD 716 Forage Wagons	$ 4,000
JD 750 Grinder-Mixer w/scales	$ 4,500

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AC 6060 w/Front & Rear Wgts.
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N.H. 847 (Rotowrap) Round Baler
N.H. 679 (275 Bu) Manure Spreader w/Hyd. Endgate, Pan Att.
N-5 Combine (w/1983 update kit) w/15 ft. Grain & 630 Corn.

OPEN HOUSE Feb. 22 & 23 Watch For Further Details!

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TRACTORS

A.C. 7020 P.S. w/Cab & Air, Fully Weighted (1100 HR)

USED HAY EQUIPMENT

2-N.H. 320 Baler's w/ Bale Throwers
N H. 315 w/Super Sweep Pickup (No Thrower)
N.H. 282 Baler w/Bale Thrower
N.H. Super 68 Baler w/Thrower
I.H. 37 Baler w/Bale Thrower
N.H. 489 Haybine
N.H. 479 Haybine
2-I.H. 990 Haybine
J.D. 1209 Haybine
OMC S.P. Haybine
Hesston 5600 Round Baler

FORAGE

N.H. 707 3 PT. Mounted Forage Harvester w/Corn & Pickup Head
N.H. 822 (30") 2 Row Chopper Head
N.H. #36 Flail Chopper (6 ft.)
(2) Brady #722 Flail Chopper
N.H. Super 23 Forage Blower

COMBINES & CORNHEADS & CORNPICKER

A.C. KKS Combine w/Cab (1976) w/10 ft. Header
M.F. 300 Combine w/Cab w/10 ft. Header
M.H. 82 Combine
2 M.F. Qt. 24 (2 Row) Corn Head
A.C. KL 238 (2 Row) Corn Head
A.C. A430 (4 Row 30") Corn Head

UNI EQUIPMENT

709 Uni Tractor w/Cab & Air, Rear Wh Assist, Fully Weighted
702 Uni Diesel Tractor w/Cab
702 Uni Gas w/Cab
702 Uni Gas w/o Cab
717 Uni Combine w/713 Header
713S 13 Ft. Flex Grain Head
2-767 (Super Chopper) Forage Harvester
760 Harvester
774 4 Row Chopper Head
2-762 2 Row Wide Chopper Heads
3-766 Pickup Heads
724-3 Row Wide Stripper Head
729A-Super Sheller
770 Ear Corn Apt.

USED MANURE SPREADER

N.I. 218 Manure Spreader w/Hyd. Endgate
N.I. 213 (166 Bu.) Manure Spreader w/3 Beater
N.H. 512 Manure Spreader w/Single Beater
Hawk Built 187 (R.H.) 180 Bu. Tank Spreader
Starline 930 Tank Spreader L.H. 200 Bu.

USED SKID STEER LOADER

N.H. L325 Skid Steer Loader w/54" Bucket
Gehl 4400 Skid Steer Loader w/4 Buckets
Hydra-Mac 8C Skid Steer Loader w/52" Mat. & Man. Bucket

TILLAGE

12' Miller Offset Disc w/(New Blades)

ALLIS CHALMERS

ITCO
Dealer for ITCO Corp.
• Over 9,000 items At Discount Prices

AVCO NEW IDEA — SPERRY NEW HOLLAND

SHARTLESVILLE FARM SERVICE

RD 1, Hamburg, PA
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Coming In:
JD 7000 4 row planter
Deutz 5506, $5,995
IHC 674, Fire Damaged $1,500
JD 450-6 way $7,250
Case 450 4 in 1 $5,500

Ed Goodrich, Jr's Tractor Parts Co.

Rt. 38 & 38B
Newark Valley, NY
607-642-8688

case

TRACTORS

- Case 1070
- Case 970
- Case VAC
- Case 930 Tractor "CK"
- Case 995
- Case 430
- David Brown 990 w Loader
- Oliver 500
- Oliver 1755
- Oliver 1655
- White 2-105 Tractor
- Farmall C w/cult & Loader
- SAME Tiger 100 4 WD

LOADERS

- Case 1737 Skid Loader
- Case 1740 Skid Loader
- Case 1830 Skid Loader
- Case 450 Crawler Loader
- Case 450 Crawler Dozer
- Dunham Lehr No 22 Loader
- Int 3200 Skid Loader

TILLAGE

- Case 6-Bot Plow, 20"
- Case Disc Harrow, 10'
- Oliver 2 Bot Trailer Plows
- Used Cultipacker

HARVESTING EQUIPMENT

- Case 600 Combine w/3-Row Head
- NI Unisystem 702 Tractor, 710 Combine & 760 Harvester
- NI 709 Uni-System
- NI 316 Husker
- NI 315 Sheller
- NI 729A Sheller
- NI 767 Super Chopper
- NI 735 Cornhead
- NI 744N Cornhead
- NI 323 1-Row Corn picker
- NI 325 2-Row Corn-picker
- NI 324 2-Row Corn-picker
- IH 550 Harvester
- Case 300 Harvester
- NH 717 Harvester
- Gehl 1200 Harvester w/pickup and 2-row cornhead

HAY EQUIPMENT

- NH 479 Windrower
- NH 1002 Stack Wagon
- Hesston PT 10
- Hesston 1090 Win drower
- Dump Rake
- Bale Thrower Wagon
- Case Hay Rake
- NI Hay Rake
- NI Wheel Rake
- NI 456 Round Baler

MISCELLANEOUS

- Ford 4 Row Corn Planter
- IH 400 Corn Planter, 8 Row
- 8 Used Spreaders
- NI 218 Spreader
- IH 275 Spreader

SPECIAL
• 8 USED WINDROWERS!
Hesston 1090 Windrower
2 Year Warranty
Demonstrator
$4,900!

ZIMMERMAN'S FARM SERVICE

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USED EQUIPMENT

TRACTORS
Ford 660
Case 1370 Cab-Air-Heat 24.5x32 Radio
Case 1390
Case 1090 18 4x38 (New) Power Shift
Case 1170 Cab-Heat 8 Spd. 20.8x38
Case 900 w/Pulley
Case 2090 Cab
Cub Lo Boy
Agri Power 9000
Ford 861
DB 885

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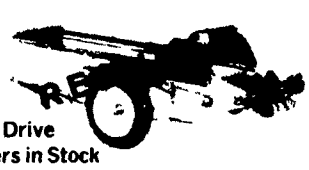
323 Pickers
325/327 Pickers
702 G Power Unit
702 D Power Unit
710 Combine
743 N Head
767 Harvester
738 4RN Head
272 CutDitioners
763 Head

FORAGE
Grove box
Fox HA Harvester
JD 3800 Harvester
Hesston Blower
JD 115 Forage Box
Farmhand Rake
Gehl 920

MISCELLANEOUS
Case 12' Disc Harrow
Wetmore 878 Grinder Mixer
Case 1800 Chisel
ArtsWay 420 Grinder-Mixer
Brillion 12 ft. Chisel
JD 310 Disk

LOADERS
Uni Loader Broom
1845 G
White Backhoe
Mustang 330 Skid Steer
580C Loader-Hoe
Hough

SPREADERS
NI 206
NI 213
NI 214
NI 224
NH 371 Flail



206 Ground Drive Spreaders in Stock

A.L. HERR & BRO.

PARK AVE., QUARRYVILLE, PA 17566 PHONE: 717-786-3521

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Complete
TRACTOR
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REBUILDING
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A C and Wisc 2 and 4 cyl power units with or without clutch reduction

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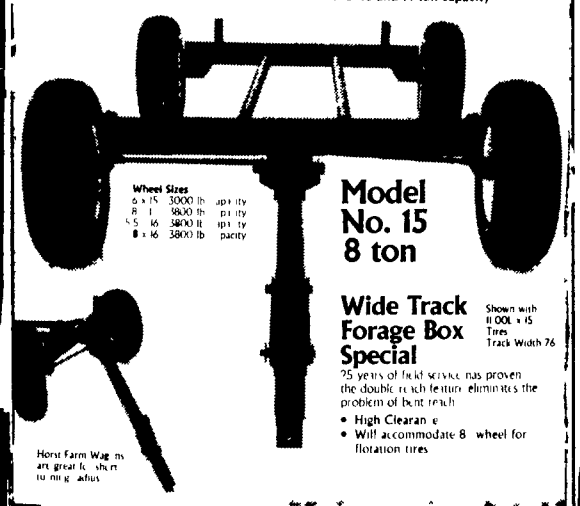
HORST FARM WAGONS

Horst Wagons with the honest ton rating, and no sway training

4 models to choose from — 4 8 10 and 14 ton capacity



Model No. 15
8 ton

Wide Track Forage Box Special

Shown with 11.00L x 15 Tires Track Width 76

25 years of field service has proven the double reach feature eliminates the problem of bent reach

- High Clearance
- Will accommodate 8 wheel for flotation tires

Horst Farm Wagons are great for short turning radius

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or
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VERMEER HEDLUND MARTIN INC Vicon

NEW EQUIPMENT

- Vermeer 605H Baler
- Vermeer 504G Baler, Demo
- Vermeer & Scranton Bale Movers
- (1) Vicon 600 lb. spreader
- (3) Vicon 950 lb. spreaders
- (1) Vicon 1900 lb. Fert. Spreader
- (1) Vicon 15' Power Harrow
- (1) Vicon RP 1200 Round Baler
- (1) New Vicon 1200 Round Baler
- (1) Vicon SP450 Square Baler w/Thrower
- (1) Vicon 8' Mower Conditioner
- Haybuster 1068 Semi-Mounted No-Till Drill

USED EQUIPMENT

- Vicon 10' Power Harrow
- Farm System Flail Spreader, Left Side Loading
- Hesston 12' Hydro Swing Haybine
- Pequea Hay Tedder

RED WING FARMS
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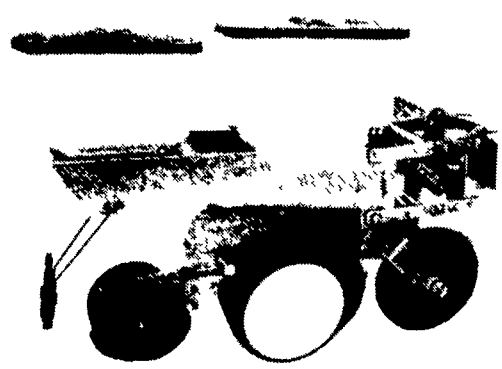
FOR LOW-TILL OR NO-TILL

Save fuel, time, moisture and soil with a Max-Emerge® conservation planter

Here's a rugged planter you can rely on in most soil conditions, including stubble and many sod fields.



Heavy-duty springs help transfer weight from the Heavy frame to each planting unit to keep unit-mounted coulters in the ground. Frame-mounted coulters and cast-iron firming wheels are available, too, for extra-tough conditions

Whether you no-till, low-till or conventionally till your ground, these 4-row (30 to 40-inch rows), and 6- and 8-row narrow models can help you save fuel, time, moisture and soil See us soon for details.

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VERSATILE 2 ROW MOUNTED MAXI-EMERGE PLANTERS

Planter frame for small and medium-sized farmers is being manufactured and marketed by ABC Groff Inc., of New Holland.

FEATURES

- Infinite Row Spacing From 18" to 42"
- Can Be Used For Conventional Till, Minimum Till Or No-Till
- Can Be Used For Planting Sweet Corn In The Furrow With Special Furrow Openers

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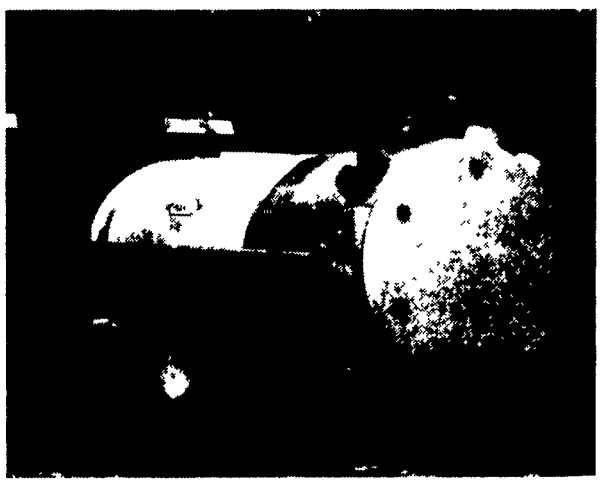

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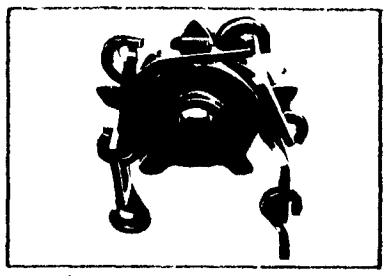

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8 speed transmission, 8-front end weights, 2-front wheel weights, 4 rear wheel weights, 18.4-30 rear tires
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w/Turf Tires, Real Sharp

$3500

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Case 2470, 4 WD
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Case 1210, diesel
JD 435, diesel
NH 892 forage harvester with electric Controls
JD 38 forage harvester with 2 heads
NH 352 grinder mixer
12' Niemeyer power harrow
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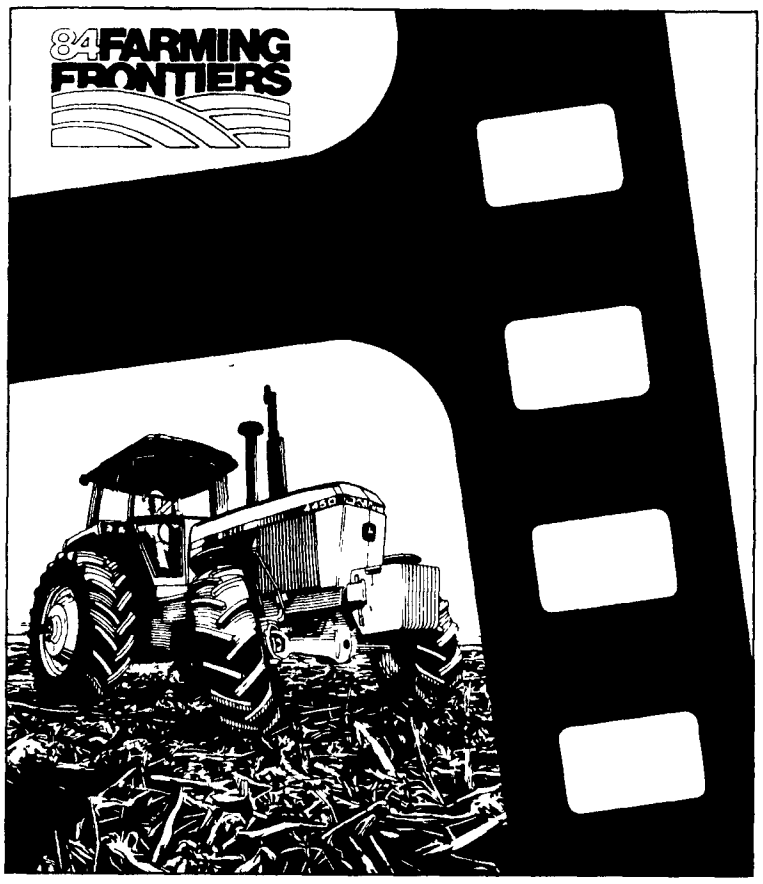
THURSDAY, FEB. 9th
John Deere Day



SEE ON-FILM JOHN DEERE FIELD DEMONSTRATIONS AT '84 FARMING FRONTIERS

10:30 A.M.

1:30 P.M. 7:15 P.M.

Come crisscross the country on film as you see new tractors and equipment in action. . . see new tractors that set fuel-efficiency records. . .plus lively Furrow-On-Film subjects. Enjoy food and friendship and sign up for door prizes. Plan now to attend. . . mark it on your calendar.

LUNCH WILL BE SERVED
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10% CASH DISCOUNT
On New Holland & John Deere Parts From Feb. 6 - 11th

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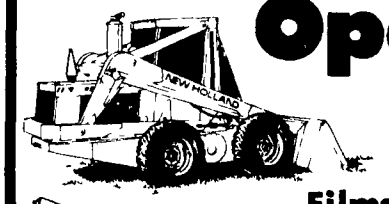
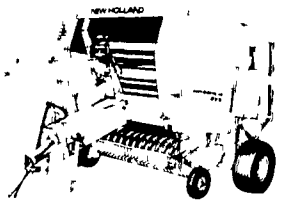
VISA | PACE

FRIDAY, FEB. 10th
Open House



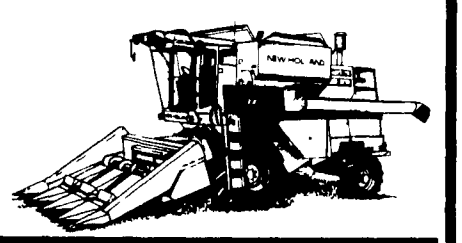
Featuring
Films And Presentations By:



NEW HOLLAND | AVCO NEW IDEA | HARDI

PROGRAM STARTS AT 1 P.M.

EVENING PROGRAM
Includes Showing Of Sperry New Holland And Family Entertainment Films.
PROGRAM STARTS AT 7:15 P.M.



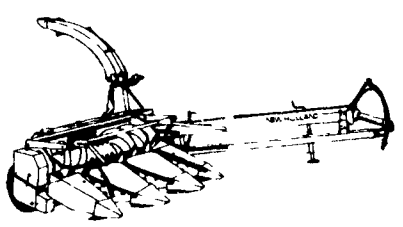
See On Display

The NEW NH 499 Haybine Mower-Conditioner

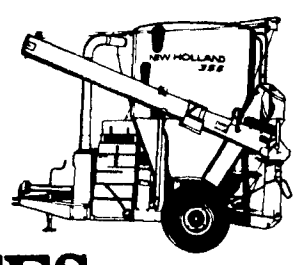
Refreshments Will Be Served

DOOR PRIZES

JUST ANNOUNCED



New Low Interest Rates On Hay, Forage, Skid Loaders, Spreaders & Grinder-Mixers



0% For 12 Months
3% For 18 Months
6% For 24 Months

Plus CASH REBATES

AVCO NEW IDEA | SPERRY NEW HOLLAND | JOHN DEERE

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Hesston 7650 4 whl. drive SP
Fox 3310 pull type
NI 802 Uni w/Harvester
Auto Roller Mill-Blower

TILLAGE EQUIP.

18' Amco Wing Disk
White #271 18' Disk
New Brady 1440 12' Shredder
New Bush Hog 15' & 20' Wing Mowers

USED TRACTORS

White 2-155 4 Whl. Drive 1982 500 hrs.
Oliver 1850 tricycle
Oliver 77
Ford 6000 Dsl.
Farmall M
Hesston 480 4 WD., - 45 h.p., w/loader
Case 1210
IH 544 Gas, wide Front End
Hough 25B Loader w/52" bucket
Deutz 40-06
MF 1100D
AC 185 w/loader, 1200 hrs.
AC B

USED HARVESTERS

MF 750 Combine 6R & 131 Grain Head
MF 410 D Combine
701 Uni
702 Uni
727 Husker w/3RN Head
Fox 3310
Fox 2000, 2 RN Head
Fox 2310 2 Row N & Pickup
Fox 299 80" Flail Head
IH 830 w/3 row head and pickup
NI 323 Picker, used 40 acres
NI 324 & 325 2 Row Picker

USED EQUIPMENT

Glenco SS9 Soil Saver
Athens 9' Chisel
White 5100 4 Row Planter Dry Fert & No-till
JD 7000 4 Row Planter
AC 4R Planter
NI 270 Cut/ditioner
Bush Hog 7' Rotary Mower
Woods C80 Rotary Mower
NI 710 Combine
NI 725 3R Head
Kuhn 13' Tedder
Kewanee 20' Field Cultivator
JD 216 Wagon, 3 btr. & roof.
Hesston 5500 Round Baler
NH 277 Baler w/thrower
JD 336 Baler w/thrower
NI 484 Round Baler
Gehl 910 Fg. Wagon, 3 btr. & roof
Hesston 1014, 12 Ft. Hydro Swing Windrower
JD 2280 diesel 14' windrower
Westfield 744 auger PTO
EZ Trail Bin Wagon
Hesston 1400 gal. tank spreader
NI 214 Spreader, end gate
NH 327 Spreader
NI 212 Spreader
NH 371 10 Ton Tank Spreader
Walsh 500 gal. skid sprayer w/30' boom

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Feb. 20 to 24

ANNUAL SPRING SALE
March 15

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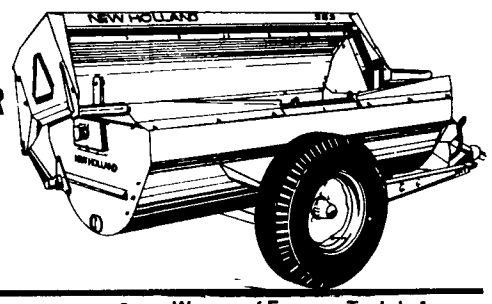
NEW EQUIPMENT IN STOCK

NEW HOLLAND MODEL 363 TANK SPREADER
Was $4,595
Now $4,295



WHITE FARM EQUIPMENT

WHITE 2-55 Tractor
WHITE 2-65, 2&4 Wheel Drive
WHITE 2-75 Tractor
WHITE 2-85 Tractor
WHITE 2-88 Tractor
WHITE 2-105 Tractor
WHITE 2-110 Tractor
WHITE 2-135 Tractor
WHITE 543, 4 & 6R Planter, No Till
WHITE 5100, 4 & 6R Planter, No Till
WHITE 254 10' 4" Disc
WHITE 348 SAR Plow
WHITE 508 SAR Plow
WHITE 466 Chisel Plow
WHITE 285 Field Cultivator

Waiver of Finance To July 1, 1984 on Hay Tools And Sept 1, 1984 on Forage Tools.
OR
4.9%, 7.9%, 10.9% For 12, 24 or 36 Months Respectively

NH L425 Loader
NH 707, 718, 782, 892 Harvesters
NH 310, 311 & 315 Balers
NH 847 Round Baler
NH 80 Bale Mover
NH 488, 489 & 1495 Haybines
NH 256 & 258 Rakes
NH 38 Crop Chopper
NH 28 & 30 Blowers
NH No. 8 Forage Box
NH 513, 519, 679 Spreaders
NH 363 Tank Spreader
NH TR75 Combine

KUBOTA
We're looking for work.

bobcat
642 & 743

WOODS
Division of Hesston Corporation

TYE
No Till Drill

GLENCOE
7 Tooth Soil Saver

USED EQUIPMENT

HAYTOOLS

NH 30' Elevator
NH 56 Rake
NH 268 Baler w/Thrower
NH 68 Baler w/Thrower
NH 469 Haybine
Oliver 620 Baler w/Thrower
Gehl 880 Mower Conditioner

COMPACT TRACTORS

Kubota B6000 E w/Woods RM 59 Mower
Farmall Cub Lo-Boy

TRACTORS

Oliver 1755 w/Cab

SPREADERS

NI 212 Spreader
NH 346 Tank Spreader, LH
NH 367 Tank Spreader, LH

TILLAGE - PLANTING

White 5400 Planter
JD 1240 4-Row w/Monitor
IHC 550 5-16 Plow
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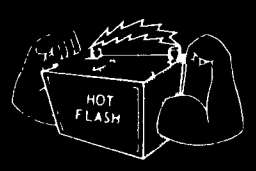

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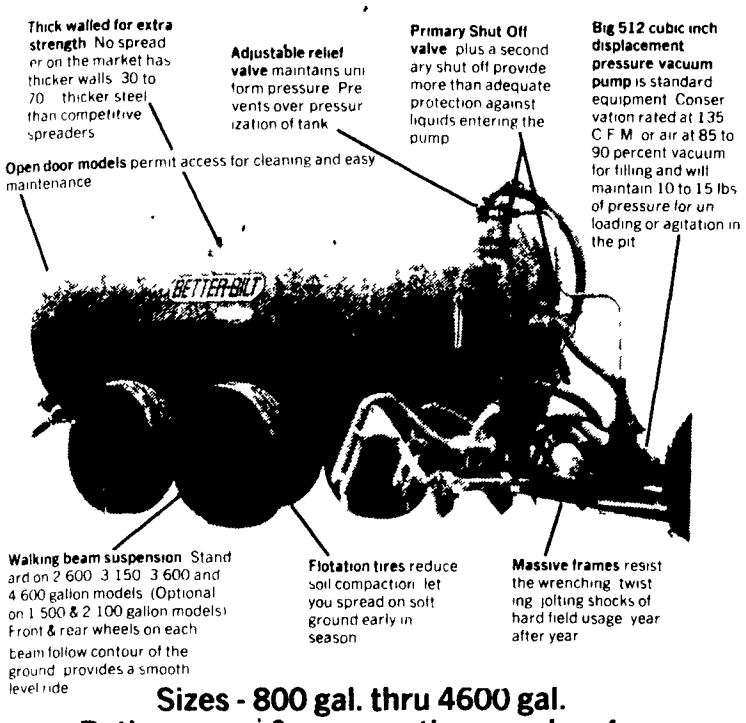
Outstanding Features


Thick walled for extra strength No spread er on the market has thicker walls 30 to 70 thicker steel than competitive spreaders
Adjustable relief valve maintains uni form pressure Pre vents over pressur ization of tank
Primary Shut Off valve plus a second ary shut off provide more than adequate protection against liquids entering the pump
Big 512 cubic inch displacement pressure vacuum pump is standard equipment Conser vation rated at 135 C F M or air at 85 to 90 percent vacuum for filling and will maintain 10 to 15 lbs of pressure for un loading or agitation in the pit
Open door models permit access for cleaning and easy maintenance
BETTER-BILT
Walking beam suspension Stand ard on 2 600 3 150 3 600 and 4 600 gallon models (Optional on 1 500 & 2 100 gallon models) Front & rear wheels on each beam follow contour of the ground provides a smooth level ride
Flotation tires reduce soil compaction let you spread on soft ground early in season
Massive frames resist the wrenching twist ing jolting shocks of hard field usage year after year

Sizes - 800 gal. thru 4600 gal.
Both vacuum & augermatic spreaders for truck mount or trailer type

1 - 1974 Ford LT 9000 tandem axle tk tractor with PT 270 Cummins engine, 6 speed Fuller trans., power steering, air slide 5th wheel, good 10.00x20 tires.

SPECIALS

1 - Used JD 430 Tractor, WF Axle, Nice Cond.
1 - Used 2 Knife Plow Down Attachment For 3150 Spreader, Used Very Little
1 - Used 1500 gal. Better Bilt vacuum spreader
1 - Used 2100 gal. Better Bilt open door vacuum spreader w/ tandem axle in ex. cond.
1 - Used Better Bilt plow down attach. to fit a 1500 gal. liquid spreader

Attn: Shop Mechanics
1 - Used John Beam front end allignment tool, complete

CALL US FOR YOUR NEEDS OF

- Farrowing Crates
- Lagoon Pumps
- High Pressure Pumps

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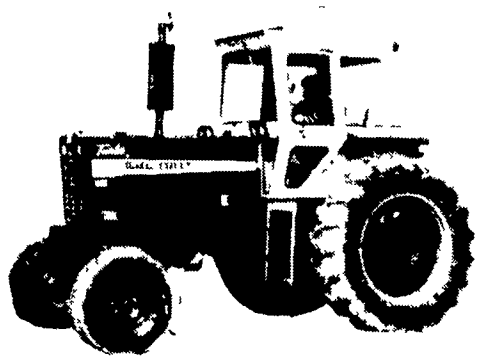
Used Farm Equipment Sales & Service
10 miles S. of Lancaster along Rt. 222



QUALITY TRACTORS AND EQUIPMENT/REASONABLY PRICED/SERVICED & BACKED WITH A WARRANTY/WILL DELIVER ANYWHERE

JD 4020 D, w/cab, wide front, sharp
JD 4020 D, wide front, 38" rubber, real good
JD 4010 D, 38" rubber wide front
JD 4320 w/factory cab, SOLD ober fully equipped
JD 4520, syncro range, factory cab, quick hitch, diff. lock, dual hyd., (also has 4620 after cooler up date kit), clean
IH 806 D, standard, dual hyd., dual, PTO w/TA & wide front, good solid tractor, $4500
IH 1086 '81 model, cab, air, western interior, like new
IH 786 1981 model, fully equipped w/only 100 hours, diff lock and 38" rubber
IH 1086 cab & air, fully equipped
IH 1066 w/cab, good solid tractor
IH 856 wide front, 3pt., 38" rubb SOLD
IH 1456 w/factory cab, very clean
IH 1456 duals & weights, solid tractor
IH 1256 nice w/complete engine overhaul
IH 856 Diesel, wide front
IH 1206 w/cab and new TA, very clean
IH 756 gas, real good tractor
IH M Farmall
IH 706 gas w/recent complete overhaul
IH 706 gas, WF, 3 pt.
1978 JD 6600 Diesel w/Hydro., Air Conditioning AM-FM, Very Sharp, 1480 Hrs.
NI 708 Diesel, hydro., cab & air
NI 737 huskers (1)
NI 738, 4R narrow corn head
NI 730 4R wide cornhead
MF 300 combine, quick tach w/2 heads
IH and JD cabs (used)
Vermeer #605E round baler w/all options, real nice
AC 170 Diesel w/loader
Year round cab w/air fits IH 06 to SOLD s tractors
Year round cab for JD 3010 through 4020
Factory cab for 701 and 702 Uni

Box 91 New Providence, PA 17560
Business Ph. 717-786-1606 &
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FREE ENGINE OIL CHANGE
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$100 MINIMUM

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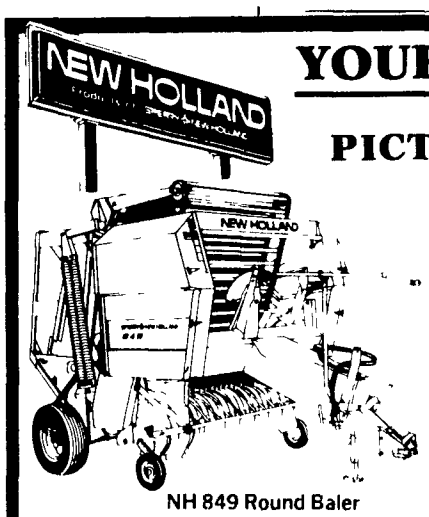
YOUR HAY MACHINE HEADQUARTERS



NH 849 Round Baler

PICTURE PERFECT BALES

FEATURES:
- Roll Floor Design
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- 2 Year or 5,000 Bale Chain Warranty
- Automatic Wrap
- Bale Size Indicator
- Bale Counter
- Bale Ejector Package
- Automatic Chain Oiler
- Heavy-Duty Driveline

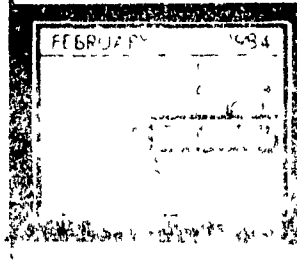
WAIVER OF FINANCE
Till July 1, 1984

JUST ANNOUNCED

1 Bale

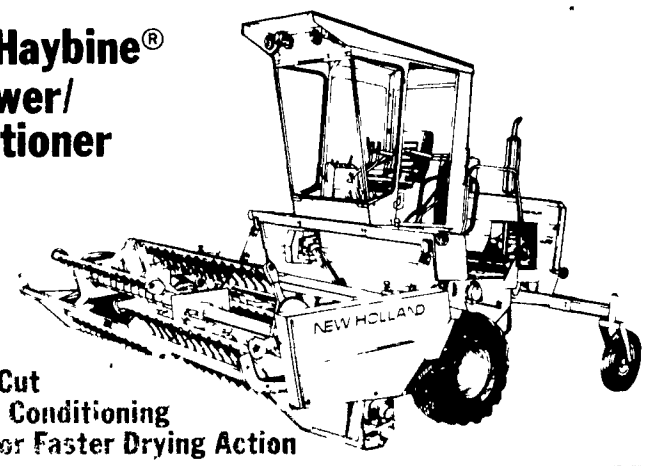
Low Rate Financing
Plus Rebates
CHECK WITH US FOR DETAILS

Look For Our OPEN HOUSE February 15th-18th



Hay In A Big Way!

1495 Haybine® Mower/ Conditioner



- 12 ft. Cut w/9 ft. Conditioning Rolls for Faster Drying Action

SPECIAL PRICES ON GUARANTEED USED EQUIP.
Like New, Some One Year Old Or Less

- NH 495 Haybine 12
- NH 849 R
- NH 2
- NH 2
- NH 2
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- NH 3

SPECIAL PRICES ON GUARANTEED USED SPREADERS

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- Case
- Case
- Vater 210

LOOKING FOR A CO USED

SPREADERS APRIL 2, 1984 **OR** LOW

ATTENTION POULTRY FARMERS
Pressure Washer Hose SPECIAL $1.35/ft.

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★ WE SHIP UPS

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1984 is here, and time to think about:
16' or 18' bale thrower wagons:
We also build on your gear or repair.
Round steel hay racks, hay racks and feed bunk combinations, plus other styles.
Feed and silage carts, 2 different styles of mineral feeders. Also other wood or steel products mfg.

For free brochure write:

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1 mile south of Ninepoints off 896 on Bell Road.
Dealers Welcome

New
GLENCO
SOIL SAVER
7 Shank

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GRINDER-MIXER

NI #218 SPREADER
NH #362 FLAIL
SPREADER

MUSTANG #345
SKID LOADER
MUSTANG #440
SKID LOADER
FORD #340 SKID
LOADER

OLIVER 1610
FRONT LOADER

FAYETTE 18,000 LB.
TRAILER

SHEETS BROS.
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VERMEER | Vicon
Peach Bottom, Pa.
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SUPER SPECIALS ON ROUND BALERS
(1) Used 504F
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(2) New 504H
(1) New 605H
(1) New RP 1500 Vicon $10,200

RAKES AND TEDDERS
(1) Demo Vermeer R21B $5600
(1) Vermeer 360 Tedder Rake $2250
(1) Demo Vicon RC 330 ..... $2145
(2) New RC 300 ..... ea $2000
New 2 and 4 Basket Tedders
Vicon Wheel Rakes...all sizes

NO TILL DRILLS
(1) Used Tye 7' 3 pt. $3000
(1) Used Haybuster 1068 ..... $5900
(1) New Haybuster 107 ..... $8400

SPECIALS ON SPIN SPREADERS NET
(4) FESA 600 lb. capacity $318
(3) Vicon PS 302 ..... $640
(2) PS 402 ..... $980
(4) PS 602 ..... $1060
(2) PS 802 ..... $1220
(1) PS 1002 ..... $1420

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IRRIGATION · WASTE · MANURE · FIRE · INDUSTRIAL
SPECIAL
Detroit 4-71 on trailer **$2985**
NEW & USED
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Spreaders! Spreaders! Spreaders!
512 NH w/hyd. End Gate
$1,600
540 IH Spreader w/new chain
very good $1,600
160 MF spreader w/hyd. endgate
$1,395
NH Tank Spreader
$950

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130 HP JD 4440 tractor w/SGA quad range, 890 hrs., excellent cond.
125 HP JD 4430 w/cab, ac, sharp
60 HP JD 2440 w/146 loader
IH 400 tractor, $2,200 nice!
9N Ford, sharp
15 HP Satoh Beaver diesel, 4WD, $3,100

COMBINE
JD 6620 level-land, like new, 500 hrs.
New 4420 combine
New JD 213 rigid platform $4,900
Used JD 443 Cornhead, like new

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JD F350, 4 btm. 16", special $2,000
JD 145 plow, 5 btm. 16", exc., $2,500
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JD 145 4 btm., 16", very good
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JD KBA transport disc 10', $1,095
IH 10' disc, transport disc, $950
AC drag disc, $150
Case 7' Drag disc, $195
JD BW disc 10', $1,095
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IH 56 4 row insecticide, nice, $1,500
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NI forage blower $895
JD 24T baler w/30 ejector, $2,495
Grimm hay tedder, $975
IH 440 baler w/thrower, $3,500
NH 818 harvester w/4 heads, $795
JD 38 forage harvester w/2RC
JD 800 SP windrower, 10' $2,250
JD 27 ft. elevator, $395

MISCELLANEOUS
Bin wagon w/running gear
JD 227 picker for parts
7' heavy duty 3 pt. blade, $625
96" bucket for 145, 146, 148, 158 loader
Har-lo forklift, 3 pt. hitch
NH Pull type fertilizer spreader, $395

JD Finance Waiver & Rebates
On Most New & Used Items!

Inventory Reduction

There's never...repeat, *never*...been a better time to buy the farm machinery you need. See us now for top values and special terms on selected models. You'll save as never before!

OFFER EXPIRES 1/30/84.

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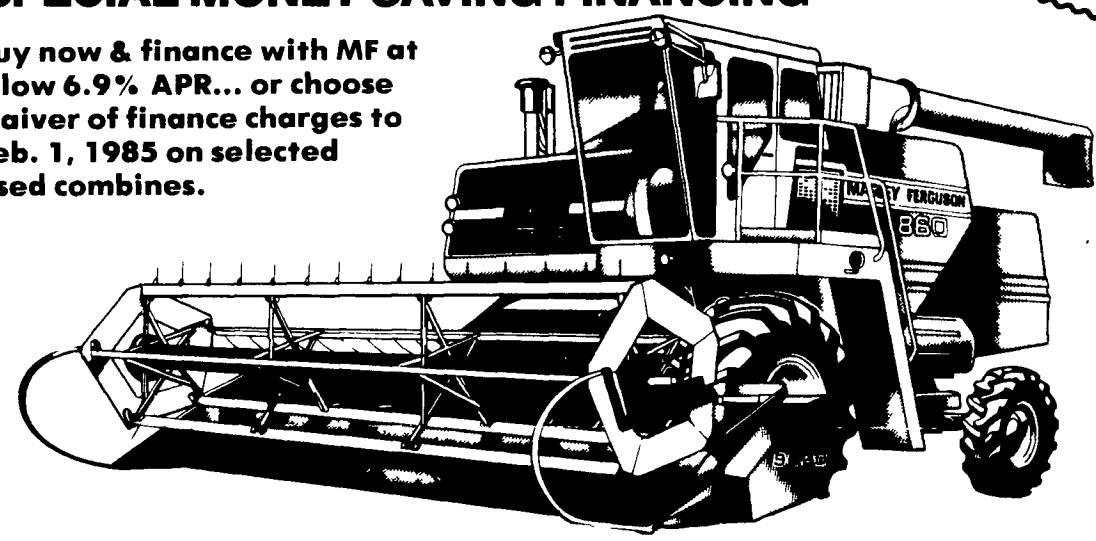
SPECIAL MONEY-SAVING FINANCING

Buy now & finance with MF at a low 6.9% APR... or choose waiver of finance charges to Feb. 1, 1985 on selected used combines.



These money-saving offers are for a limited time only. So hurry in now!

MF Massey Ferguson
Your Business Machines

USED COMBINES WITH ABOVE MENTIONED TERMS ARE:
MF 750 DSL. COMBINE
JD 6600 DSL. COMBINE

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USED NH 310 BALER W/ THROWER EXC. COND.

(3) USED NH #479 HAYBINES $1800 up to $2600

NEW #791 NEW HOLLAND MANURE SPREADER W/HYD. END GATE & SPLASH GUARD $7,850

NH #518 MANURE SPREADER

NEW NH #358 GRINDER-MIXER $7,800

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OPEN HOUSE COMING.....FEB. 1, 2, 3 and 4

IH 715 Diesel, hydro w/AC, with 844 Corn Head w/810 grain head

Waiver to 1-1-85

USED TRACTORS

IH 674 diesel
IH 1066 tractor
IH 1086 tractor
Oliver OC3 crawler
IH 706 tractor
270 Leyland
384 Leyland

USED GRAIN DRILLS

2 Ontario
1 McConnel
1 Int. #10 w/dd. openers

USED MANURE SPREADER

NH 214 w/hyd. endgate

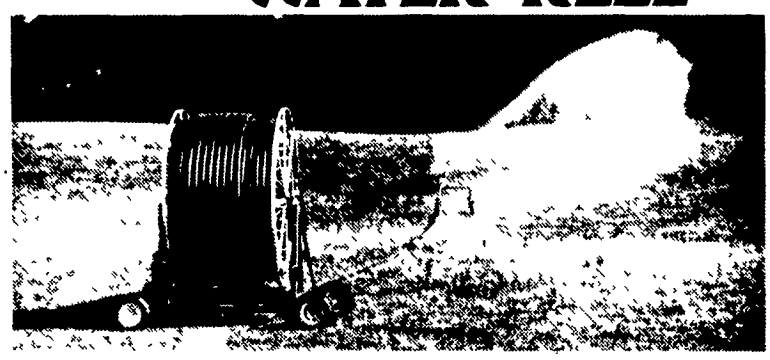
USED HAY & FORAGE

JD Flail Chopper
#56 Blower
Woods C80 Rotary Mower

NEW GEHL EQUIPMENT

Bu 960 forage box
FB 99 blower
G806 8 ton running gear
3610 Skid loader

AG-RAIN WATER-REEL



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- **Radial Inflow Turbine Drive** originated and patented by Ag Rain It s the most efficient turbine drive on the market It saves energy Unit is totally gear driven reel has roller cog drive no inefficient V belts
- **Speed Compensator** maintains uniform travel speed assures uniform watering
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- **Dwell Timer** delays start of travel results in uniform end of field watering
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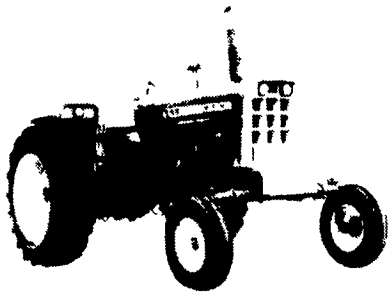
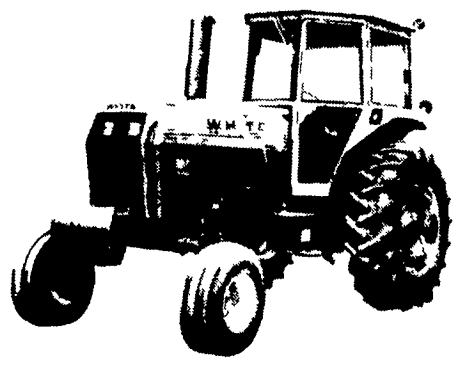


IF YOU NEED A BETTER SOURCE FOR PARTS & SERVICE



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WE HAVE AN EXCELLENT SUPPLY OF USED & REBUILT OLIVER TRACTOR PARTS

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The Time Is Right... The Price Is Right!!

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★ Field Ready! ★ Top Quality!

(1) NI 206, Ground Drive, 95 Bu. . . $650
(2) NI 214's, Flail, Hyd. Endgate, 200 Bu., T-Bar Chain . . . . . Choice for $1795
(1) NI 218, 318-Bu., Single Beater, Hyd. Endgate, T-Bar Chain $3600
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(1) NH 513, 177 Bu., Hyd. Endgate, T-Bar Chain, Used 8 Months. $3900

USED IHC 1150 GRINDER MIXER

105 Bu. Tank, 10' Unloading Auger **$1995**

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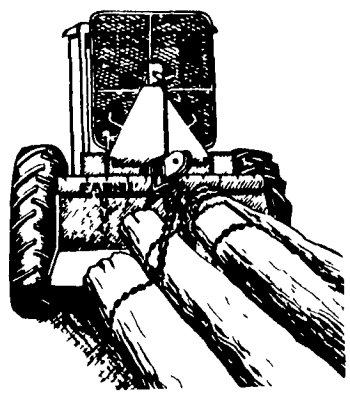

Make your tractor a productive forest machine with a Farmi Logging Winch!

Your tractor and the Farmi winch is a low cost solution for winching in and skidding out your firewood, pulpwood and logs.

FARMI MODEL	LINE PULL	TRACTOR SIZE
JL250	5500 lbs.	18-30 HP
JL306	6600 lbs.	25-50 HP
JL456 -JL50	10000 lbs.	50-140 HP
JL60	15000 lbs.	80 HP & Up

The winches fit any 3-point hitch. Several logs can be winched in at one time.

The cable is locked when the logs have been winched to the tractor. The 3-point hitch is raised to lift the logs off the ground when the logs are transported to the landing.

Farmi winches are sold and serviced by:

SUNNY RIDGE SMALL ENGINE SHOP
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10% OFF SALE

On Spring Harrows and Auto Turn Carts If Cash Paid
This offer expires February 21

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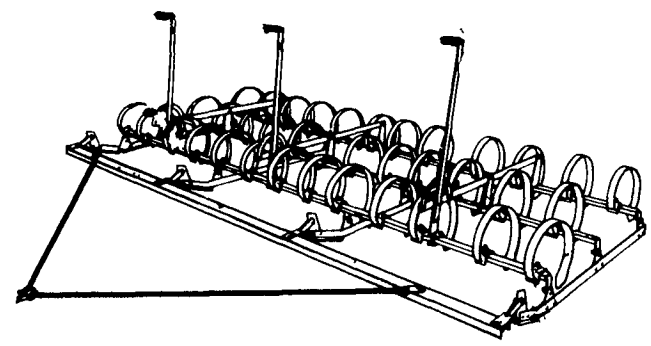
Carts with springs, brakes or without brakes also carts without springs made out of straight axles, with or without brakes

SPRING HARROWS 8', 9', 10', 12' Wide



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We Rebuilt Mc. and J.D. Ground drive mowers
For information and delivery write

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FINANCING AVAILABLE WITH 20% DOWN - UP TO 7 YEARS

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NEW 1984 TRAILERS ON SPECIAL
- 2 Axle, 4 Ton. $1450

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Ford 4500	$10,500	Hein Werner C12.	$8500
Long 5 in 1	$16,500	IH 3444	$7500
IH 3820	$16,500	Ford 5500	$12,500
Ford 4500	$7500	IH 260A	$14,500
Ford 4500	$9500	IH 3414	$6500
Case 580B	$12,500	IH 3500	$6500
Ford 8N	$3500	White	$6500

BACKHOE ATTACHMENTS

(5) Ford Hoe Attach $1750 & up
(2) JD $3500 & up
(3) Case $2500 & up
AC. $2500
(3) 3 pt. Hoe Attach $2250 & up
(5) IH Hoe Attach $2500 & up

CRAWLER LOADERS

JD 450 - As Is . . $5750
Cat 951B. . . $21,500
JD 350B w/Backhoe . . $18,500
Cat 977L. . $68,500
JD 350 w/4 in 1 $8950
Case 350 $8950
Cat 941B $26,500
Case 450 w/Hoe $14,500

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JD 430	$5000
Cat D8H	$22,500
JD 450 - 6 Way	$12,500
Cat D4C	$12,500
AC HD4	$8500
JD 2010	$6850

OFF ROAD ROCK DUMPS

(4) Mack 25 Ton Rock Trucks From $38,500
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Ford 600	$3250
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JD 400	$7500
IH 2400	$7500
IH 2400	Coming in
AC I600-As Is-	$3500
AC D15-As Is-	$2950
Case 530-As Is-	$2950

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(40) Used hoe buckets . . . From $100
(25) Loader buckets . . . From $100
(30) Set forklift forks . . . . . From $300
(6) Winches . . . . . Call
Wayne 984 Diesel Street Sweeper $8950

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Int 7000 - 21' $10,500
Int 4500B - 21'. . . $12,500
IH 544 . . . . . $5750

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OMC 770 . . . $17,500
Ford A62 1978 Nice Cab $27,500
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1984 2X 4 Ton . . . . . $1450 & $1600
1978 2X 6 Ton . $2650
1983 3X 9 Ton $4400
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1984 2X 12 Ton $5800
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Used 6 Ton . . . $2250
Used 9 Ton . $2750
Used 25 Ton . . $3500
Freuhauf 40' Flat. $2500
(2) 1979 Strick 40' Flats $7000
20' Steel Dump Trailer. $3500
1977 Phelan 40 Ton Low Boy . . $12,500

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JD 440B $13,500
(2) JD 540A . $13,500
Tree Farmer- As Is- $3850

SPECIAL

Winco 55 KW P.T.O. Generator Single Phase-Continuous Duty 1000 RPM-110V & 220V, Heavy Duty Trailer, Welder Receptacle, Used 20 Hours-Like New - $2950

CLEAN N.I. UNI SYSTEMS

(Mix & Match Attachments)
- Tractors - 706D w/Cab, 705D w/Cab 702 w/Cab (Late)
- Husking Beds - 727, 726, 721
- Harvesters - 767, 760
- Sheller - 729A
- Pickup Heads - 766, 761
- Grain Heads - 715, 713, 711
- 4 Row Cornheads - 844N, 738, 731
- 3 Row Cornheads 743N, 735, 725, 763, 724
- 2 Row Cornheads - 723, 762
- High Moisture Throat For 760
- Combines - 710

1973 Chevy Titan 318, 13 Speed w/Wetline **$6950**

Steel 20 ft. Dump Trailer **$3500**

PACKAGE PRICE $8950

TRACTOR CABS

IH 06 Cab. $775
JD 4620 Cab $1250
(4) Used for JD 4020 . . . . . $350 to $1500
Used for Ford 6000 . $775
New for Ford 5000-7000 . . . . . $1800
Ford 8000-9000 Cab $1750
(5) New for MF- 275 to 1155 . . . . . $2000
(10) Used Rollbars . . . Call
New Cooler for Cab . $500
(2) Used for IH 66 . . . . . $950 & 1500
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MF 1130 Cab. $1500

SKID STEER LOADERS

OMC 1700 Diesel $6500
IH 4150 Diesel . $9500
Melroe 720 $8500
Melroe 611 . $6500

ELEVATORS & AUGERS

LG Corn Drags
Cardinal 56' 8" Auger
NH 36'
Case
Mayrath

CORNSHELLERS

JD 43 3 pt. & pull type
MM 1200
JD 6
NI For pull & mtd.

CULTIVATORS

Ford 2x - 4x
JD 2x - 4x - 1x
IH 2x - 4x - 1x

CULTIMULCHERS

11' to 15' Cultipackers
- 9' to 14'

FLAIL CHOPPERS

JD 16A - 15A
Gehl 72
NH 36
MC

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1066 - 20.8x38 . . . . . $9450
Cub-Late Model w/Rotary . . $3850
200 w/FH $2000
806D-TRY-FH $5850
856D-WF-3 pt. $7500
856 w/Cab-WF-FH $8500
C - Good Rubber. $1500
384 - 600 Hours - Nice $7850
(2) 756 Diesel-WF-FH-Choice $6850
1256 w/Cab - Air - Nice . . . $10,450
656D Hydro $6350
1066 Red Cab - Nice $13,950
154 w/Rotary Mower - Nice . $3850
1256 w/Cab - Clean. $10,950
Cub w/Fast Hitch $2450
674D - 1974 . . . . . $5950
Cub w/Cult. $1850
15-30 - Antique $1750
1066 w/Cab - 1973 . . . . . $10,800
706D-WF-FH-Nice $5950
Cub - Mower - Hyd. $1850
(2) 140 w/Rotary Mower . . . . . $4500 & up
544 Hydro w/Forklift $5750
706D WF 3 pt. - Nice $6450
2400 w/Loader - Nice $7500
400 Diesel-FH $1850

FORD

8700 Cab - Air - 1977 . . . . $13,950
2000 w/Mower - Nice $4450
600 w/Loader $3250
9000. . . . . $5900
5000D $5450
(4) Antique Fordsons . . . $800 & up
8N w/Loader. $2450
8600 - 1974 . . . . . $8950
9000 w/Cab $7500

ALLIS CHALMERS

D21 Series II w/Cab - Air . . . $7850
G w/Hyd. & 4 Tools $2500
WD45 w/Plow. $2000
(2) G w/Rotary Mower . . . . . $1600 & $1850
200 w/Cab - Nice $9850
220 w/Cab $9450
185D - Nice $8500
D15 w/Loader - As Is $2950
I600 w/Loader - As Is $3500

OLIVER — DEUTZ — LEYLAND — KUBOTA

1950T - Over/Under. $7800
880 Gas - 3 pt. - P.S.. . . . . $2950
1855 - Nice. $8750
Leyland 384 . . . . . $4650
2-105 Clean $11,950
1755 - Nice. $8850
Deutz 10006 - 4WD - Nice $14,500
Kubota L245-Demo $5450

JOHN DEERE

4020 D-Diff Lock $8500
4020 D w/Cab-Diff Lock. . . . $8500
330-Nice. . . . . Call
JD 420 Utility. $2950
JD 720 Gas - Nice. $2950
4020 Gas $5950
4020 Console - Cab - Gas - Clean. $8450
4620 - P. Shift - Nice $12,450
4320 ROPS - WTS. $10,800
4320 . . . . . $10,950
(3) A . . . . . $895 & up
50. . . . . $1450
4230 - ROPS - 1976 . . . . . $10,800
4030 - Syncro - 1974 - Nice $10,500
2840 - Clean - 1978 . . . . . $11,950
4520 - Nice. $7800
720 LP w/3 Point $2000
60 w/NI 2x Picker. $3000
"D" - Antique $2000
"A" - Unstyled - Rough. $795
4430-No Cab. $13,850
400 w/Loader-1974-Clean . . $7500

"9" 4 WHEEL DRIVE TRACTORS
From 30 HP to 175 HP

Ford County 6 - 3 Pt - PTO . . $5950
Case 2470 - Cab - 3 Pt - PTO - 1973 . . . . . $13,100
MM AT4-1400 - 3 Pt - PTO As Is-Needs 2 Heads $5500
White - 4-150 - Cab - 3 Pt - PTO-1975 . . . . . $13,100
Mitsubishi Bison - New - 4WD 30 HP $7850
Deutz 10006 - 4WD - Nice $14,500

CASE

VAC - Nice $1250
930 Standard. $3000
930 CK w/Duals-Turbo. $5500
830 CK-Nice. $5500
530 w/Loader - As Is. $2950
1030 CK - Nice. $6750

MASSEY FERGUSON TRACTORS

1105 - Nice - 1973 . . . . . $7900
175D - Nice $6450
180 - Gas - Nice $5250
40 w/Sickle Mower & Cab. . . . . Call
165D - Nice $5450
1150 w/Cab - Duals . . . . Coming in
1130 w/Cab $7500
1130 w/Duals As Is. $4900

LONG

360 - New. $8975
460 4WD - New. $11,675
310C - New. $6750
310, 4WD w/Loader - New $11,950
360 - 4WD - New. $11,150

MANURE SPREADERS

Badger Honey Wagon
Clay Honey Wagon
Hawkbilt Tank
NI 1x & 2x (Tandem)
IH - NI - AC

STACK MOVERS

Hesston 10W
Hesston 30
JD 200
3 pt Stabbers

STACKER

Hesston 10

WINDROWERS

Ford 536
Hesston PT7

HARVESTERS

Fox 2200 - IF
JD 35 - 25
NH 890 - Super 717
Gehl 800
AC 720
(100) Extra Heads

FLAIL MOWERS

NI 279 - 9'
Caldwell 6' 3 pt.

PLOWS

(Some Resets)
AC - 1x
Ford - 1x - 2x - 3x
MF - 3x Flip - 5x
JD 1x-2x-3x-4x-5x-6x
IH 1x-2x-3x-4x-5x-6x-7x
Case 4x
Oliver 6X Reset

CORNPLANTERS

JD 7000 (6x)
290 - 246
Ford 309
MF 2x 3 pt
2x FH
AC 770 (4x)

HAY RAKES

(Roto Bars)
NH 258
JD - 50
NI-IH
4 Star Wheel Rakes

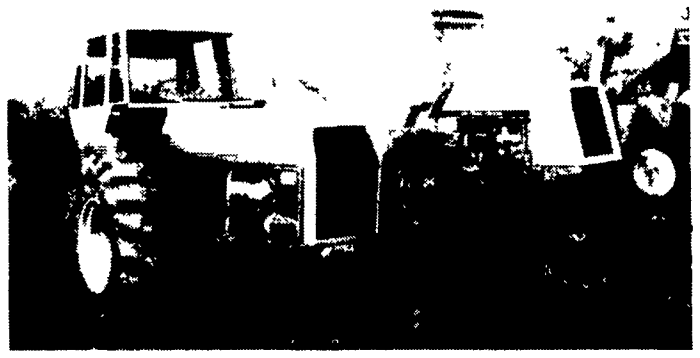
SQUARE BALERS

NH 273 - 69 - 66
Case 230

CHISEL PLOWS

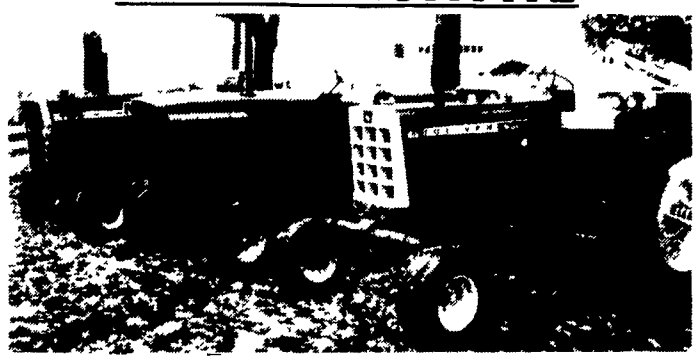
10' to 19'
"V" Chisel

4 WHEEL DRIVE POWER



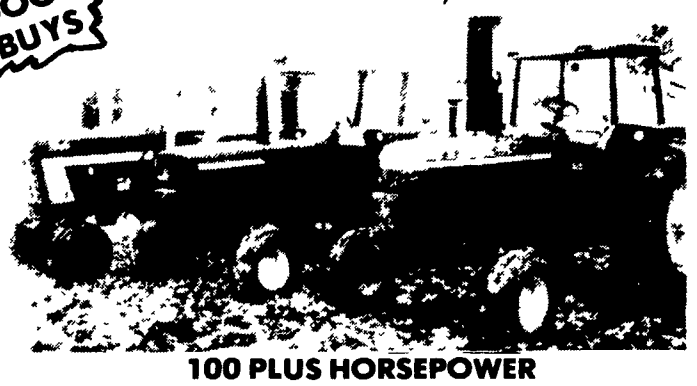
• 1975 WHITE 4-150 • 1973 CASE 2470
Both Have 3 Pt., PTO, Cab, Air, Etc.
Your Choice $13,100

DON'T HESITATE



100 PLUS HORSEPOWER
• MF 1105-1973 • JD 4520-1969 • Oliver 1950T - 1968
All Decent Tractors, Properly Equipped
YOUR CHOICE $7,800

GOOD BUYS



100 PLUS HORSEPOWER
• IH 1066 w/Cab - 1973 • JD 4320 w/ROPS - 1972
• JD 4230 w/ROPS - 1976
All Decent Tractors, Properly Equipped
YOUR CHOICE $10,800

ROTOVATORS

Long 63" & 71" & 55"
Lely Roterra (13')

SPRAYER

150 gal 3 pt

TRANSPLANTERS

1x & 2x

"CLEAN" COMBINES

JD 4400
MF Super 35
IH 82 Pull Type
Case 660
(2) JD 45EB

GRAIN DRYERS

MC 600 & GT 270

(25) COMBINE CABS

SICKLE MOWERS

JD - IH - NH - Case - NI - AC

DISCS

IH from 6' to 24'
JD from 8' to 13'
Total of 50 to select from

FIELD CULTIVATORS

JD - IH - Glenco

GRAIN DRILLS

IH 10 - 16 Disc
JD FBB - 11 Disc
JD FBB - 13 Disc
JD VB - 11 Disc
JD 1500 - No Til
JD FBB - 17 Disc
Ontario

DUALS

18 4x28 18.4x38
16 9x34 20 8x38
18 4x34 15 5x38
16 9x38

BLOWERS

NH - IH - AC - Gehl

ROUND BALERS

JD 410
Gehl 1500
Hesston 5600

LOADERS

Ford - JD - IH - Freeman Souders

POTATO DIGGERS

1x & 2x
1x plows

SNOW BLADES

4' to 7'

ROTARY HOES

2x - 3x 4x

ROTARY MOWERS

Used 5' to 13'
New 4' to 6'

WAGONS

All Makes & Types

FEED MILLS

NH 352 - 357
OMC 424
Hammermills

FERTILIZER DRILLS & SPREADERS

JD & Case
Calhoun Tandem Axle Spreader

CORNPICKERS

NI 319 - 305 - 325 - 323 - 7 - 324
Ford 1x 3 pt.

CARS & TRUCKS

1974 Ford Truck Tractor
1980 Chevy Diesel Pickup
1982 Ford F150 Pickup
1979 IH Tandem Rollback
1972 Ford Pickup - $395
1973 IH 20' Grain Dump
1976 Ford Diesel w/24' Rollback
1980 Buick Regal
1982 Ford Granada
1973 Chevy Titan Tractor

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

Ford Tractors Equipment — AVCO NEW IDEA — WE FARM EQUIPMENT

SPECIAL
White 5100
4 & 6 Row Planters
Also
New Idea 900 Series
4 & 6 Row Planters

USED EQUIPMENT

Oliver 1850 Tractor
Farmall 966 Tractor, Cab, Air, Duals
Farmall 400 Tractor
Ferguson 20
Ford 9600
White 5100 4R Planter (Excellent)
White 271 20'x8" Disk Harrow, like new
White 264 12' 2 disc harrow (new)
Amco Terrace Disk
MM 4B Semi Mtd Plow
White 508 4x18 SAR Plow
Ford #101 3 x 14 Plow (Excell)
Noble 25' Field Cultivator
Hesston 1014 Windrower
MM 3496 Combine, Cab, 2R Head, 12' Grain Head
White 8600 Combine, dsl hydro, air
NI 709 Uni 4WD w/838 husk unit
Woods 7' Rotary Cutter
JD 24T Baler w/thrower
Case 220 Baler w/thrower
1068 Haybuster no-till drill (demo)
Fox 728 2R Corn Head
Better Bilt 1100 Gal Liquid Spreader

STANLEY'S FARM SERVICE
RD Box 46
Klingerstown, PA
717-648-2088

USED EQUIPMENT

Would anybody give $35,500 for a brand new JD 4440 cab, air, quad range?

COMING IN
Uni 707 w/Perkins 6 cylinder turboed w/717 combine, under 1000 hrs.

IH 1256 w/exc. cab.
IH 1466 Cab & Air
Farmall 966 No Cab
Farmall 806 w/Hinson Royal Guardian cab, excellent
JD 4320 Tractor
JD 4430, Cab & Air QR, 2300 hrs. new in Sept. 1977
JD 4020 Tractor, power shift, dual hydraulics and diff. lock
IH 1086 w/cab & SOLD
Case 1030 w/excellent cab, would sell cab separate
JD 210 Disc 13'6" wide
JD 158 Loade SOLD
IH 2350 Loader
767 Chopper w/NI Super 768, 3R corn head and grass pickup
Uni 705 Diesel w/740 Throat & & 844N Corn Head
NI Snow Blower for Uni Tr SOLD
Several wide front axles for 706 thru 856 Tractors

RAYMOND B. LEAMAN
Willow Street RD 1
Ph: Lancaster 717-464-2778
Midway between Lancaster & Quarryville
off Rt 222 take Brenneman Road
at Graybill Bros Garage, Refton.

ALLIS CHALMERS

C.J. WONSIDLER BROS.

ALLIS-CHALMERS AGRICULTURAL EQUIPMENT

SPERRY NEW HOLLAND

BRANCH
Rts. 309 & 100
New Tripoli, PA
(215) 767-7611
Mon -Fri. 7 30 A.M. - 5:00 P.M.
Sat 7:30 A.M. - 12:30 P.M

★ 3 LOCATIONS ★
Trumbauersville to Finland Rd., Quakertown, PA
(215) 536-1935 or 536-7523
Mon.-Fri. 7:30 A.M. - 9:00 P.M
Sat. 7.30 A.M - 4:00 P.M.

BRANCH
Lobachsville, Oley, PA
(215) 987-6221 or 987-6257
Mon -Fri 7.30 A M - 5.00 P.M
Sat 7 30 A M - 12 30 P.M

TRACTORS

AC 7040 PS, w/cab
AC 7020 PS, w/cab
AC 7000 D w/cab
AC 190XT D w/cab
AC 185 D
AC WD45
AC WD
IH 986 w/cab, air, only 1400 hrs , EXCEL!
IH 460 D
Farmall 400
JD 4010 D w/PS
JD 4010
JD 60
JD B
MF 50 D
Long 560 D, lo hrs.
MM G1000 D
Case 630 w/loader

FEED CARTS

(2) Weaverline 223 Elec. Feed Cart, 24 Bu.
(2) Weaverline 330 Elect Feed Cart, 30 BU , A-1!

COMBINES

Gleaner N5 w/15' floating grain & 630 corn heads
Gleaner MKS w/13' grain & 630 corn heads
Gleaner F2 D w/400 hrs., grain & 438 corn heads, like new!
Gleaner F2 Diesel w/cab, air, 13' grain & 438 corn heads
Gleaner K w/cab, 10' grain & 238 corn heads
Gleaner CII w/13' grain & 438 corn heads
Gleaner AII w/cab & both heads
Gleaner AII w/12' grain head
Gleaner E w/cab & both heads
JD 8820 w/950 hrs., cab, air & heat, 15' floating grain, 830 corn heads, like NEW!
JD 55 Special w/cab, 12' grain & 330 corn heads
JD 55 w/12' grain & 338 corn heads
JD 45 w/both heads
JD 45 w/grain head
MF 300 w/11' grain & 238 corn heads
IH 315 w/cab, grain & corn heads
NH 975 w/11' grain & 238 corn heads
NI Uni-System 702 w/717 combine, 4-row corn head
NI 767 Chopper w/702, 2-row corn head & 761 Pick up Head

TILLAGE

AC 2300 Disc Harrow-17' Hyd. Fold up
AC 2300 Disc Harrow-15' Fold up
JD 13' Transport Disc
JD 11' Transport Disc
IH 13' Transport Disc
JD 10' Cultimulcher
AC 2000 5B Semi-mt Plow
Oliver 6B Spring Trip Plow
AC 80 Series 4B Mounted, 3 pt. Plow
Brady 10 Tooth Chisel Plow, w/gauge wheels, like new!!
Vicon 14' Power Harrow, demo!

MANURE SPREADERS

(2) NI 218, 265 BU.
(2) NI 214, 206 BU.
NI 213, 176 BU.
NH 676, 325 BU.
NH 516, 175 BU., 3 beater
NH 510, 160 BU.
NH 213, 140 BU.
Farmhand M165, 125 BU
Badger BN240, 180 BU
NH 365 Tank
(2) Hawk Bilt 207 Tank

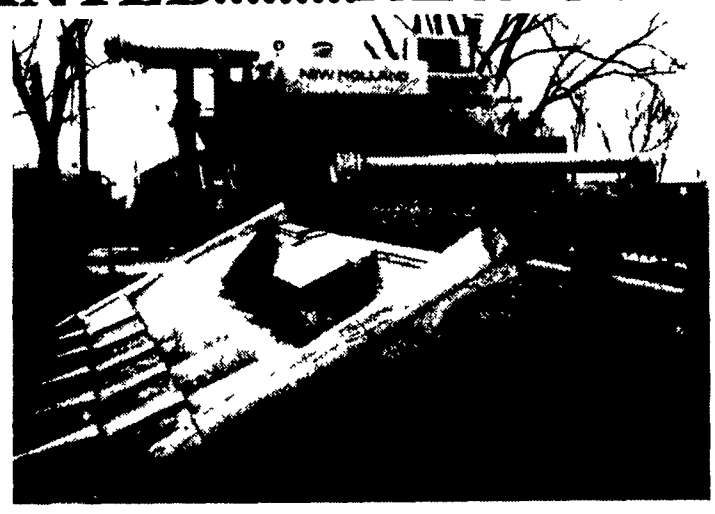
JOHN DEERE

FINCH SERVICES, INC.

Hanover, PA Westminster, MD

JOHN DEERE

WANTED.....NEW OWNER



No Finance Charge Until January 1985

No Interest Charge Until January 1985

NEW HOLLAND USED MODEL TR70 COMBINE

WITH CAB-AIR NEW IN 1979 LOW HOURS
WITH MODEL 960 13 FT. FLEX-GRAIN HEAD
WITH MODEL 962 N6 6 ROW CORN HEAD

AS IS ON LOT ~~$35,000.00~~ **$33,000.00**

FIRST PAYMENT DUE JULY 1, 1985 WITH REQUIRED DOWN PAYMENT

ATTENTION

COMBINE PRICE WILL BE REDUCED $1,000.00 PER WEEK UNTIL SOLD

CHIP THIS AD AND CHECK WITH US REGULARLY ON PRICE

FINCH SERVICES, INC. 301-848-7211
FINCH SERVICES-HANOVER, INC. 717-632-2345

JOHN DEERE

JOHN DEERE

FARMERS! CONTRACTORS!

DO YOU NEED CASH FLOW?

Sell Your Surplus Farm Machinery,

Small Tools, Accessories, Loads of Hay and Straw, Corn Fodder, etc., by bringing to our

PUBLIC CONSIGNMENT AUCTION

to be held on **SAT. FEBRUARY 25, 1984**

at **BINKLEY & HURST BROS. INC.,** 133 Rothsville Station Road, Lititz, PA

P.S. - Want a complete dispersal and don't want the headache of an auction? Call us for a special rate on everything: Machinery - Small Tools.

Don't Forget To Have Your Consignments Called In By Monday, February 6, 1984 For FREE Advertisement. CALL NOW 717-626-4705

NOTICE! Hauling Services Available

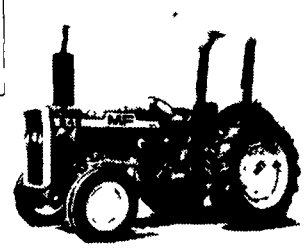
---

case

Case 2390 Tractor 1982, Fully Equip., 100 hrs. Dual Wheels, Traded for other Machinery
Case 1690 Dsl tractor, no cab, 265 hrs.
Case 1410 2 yrs old, low hrs good shape.
Case 580B Loader /Backhoe, good shape, good price.
2 yr. old Case 1830 Uni Loader good shape.
(New) NI #215 Element for manure spreader, good price.
Good used NI 213 Spreader
RP 10' Disc, A1 Shape (New)
Used NI #324 2 Row Wide corn Picker, good shape.
JD 7100 Corn Planter, A-1 shape, set up for fert.
Case 308 Plow at Good price
SC7 Soil Controller
Plus NI 702 Uni-Tractors, mow/ditioners, tractors & spreaders in stock at Good Prices.

C. & P. FULTZ EQUIPMENT
RD 1 Spring Mills, PA
(814) 422-8807,
Ask for Paul

MF Massey Ferguson



NEW EQUIPMENT IN STOCK

MF 220 baler
MF 22 baler thrower
MF 860 diesel, combine, hydro
MF 1144 corn head
MF 1163 corn head

USED EQUIPMENT

MF 510 combine
MF 760 combine w/6 row corn head & 16' grain table
MF 750 combine w/63C corn head & 14' grain table
Ford 9600 tractor
NH 1037 Bale Wagon Remote Control & Hillside Kit
NH 320 Baler
Bobcat 700 Skid Steer Loader
MF 410 combine w/4 row corn head
MF 2675 diesel tractor
MF 285 diesel tractor

Universal 3x½x24" twisted teeth $6.50

Renting skid steer loaders.

Radio Dispatched Service

ABRACZINSKAS Farm Equipment, Inc.
RD1, Catawissa, PA.
717-356-2323
(south on Rt. 42)

GUNTHER HEUSSMAN INC.

SO. 5TH ST., EMMAUS, PA. 18049 — 215-965-5203

Call John Bolton or Gunther

QUALITY LATE MODEL FARM EQUIPMENT

TRACTORS

JD 4030 Cab, Air, Quad, 1219 hrs., 1977 SOLD
JD 4240 Dsl., cab, air, quad, very nice
JD 4230 Dsl., cab, air, quad
JD 4020 Dsl. WF dual hydraulics, 1968 model
JD 3020 Dsl., Side Console, WF, 19[illegible] model SOLD
JD 4520 Dsl., Very Good
JD 4030 Dsl. Cab and Air
JD 4430 Dsl., Cab, air, quad, very nice
JD 4430 Dsl., WF, Rops
JD 3020 Dsl. WF dual Hyd.
JD 3020 Gas Row Crop
JD 2510 Gas WFE dual hydraulics, very good
JD 2640 Dsl. Hi-Lo, independent PTO, 2200 hrs.
JD 2940 Dsl w/148 Loader, 1300 hrs., ex. cond.
JD 2630D Direction reverse, 16x28 tires w/145 loader
JD 2030 Dsl., independent PTO, very good
JD 820D 3 cyl. 8 speed
JD 301 w/loader,3 pt. hitch, PTO, very good
JD 620 good condition
IH 1066 Dsl. Year Round Cab and Air
IH 1466 Dsl. Cab, Air, Very Nice
IH 1206 Dsl WF
IH 686 Dsl WF
IH 856 Dsl. WF 38" rubber, new TA, very good
IH 84 Hydro, 1600 hrs., 1980 model.
IH 766 Dsl. WF, w/cab & air, very nice
IH 656 Gas, 3 pt. hitch
AC 185 Dsl., wide front, nice
AC 7000 Dsl. Power Shift, Cab and Air
AC 220 Dsl. WF, very nice
AC 200 Dsl. w/cab, excellent
White 2-85 Dsl. WFE
Ford 8000 Dsl., dual power
Ford 7000 Dsl. dual power, very g SOLD
Ford 7600 Dsl., flat deck, dual power, load monitor, exceptionally nice
Case 1030 Dsl., w/cab
Case 1190 Dsl., w/loader (new)
MD Super 90 WF, very good

BALERS

JD 346 Twine w/thrower, hydraulic bale tension, very good
JD 336 Twine w/thrower, nice
Hesston 5400 Round Baler
NH 277 w/thrower
NH 276 w/thrower
NH 851 Big Round, auto wrap, like new

PLOWS -AUTOMATIC

New & Used IH 720 5x18 sp. reset
IH 710 6x16 Spr. Reset
IH 710 4x16 Spr. Reset

PLOWS

IH 4 & 5 Bottom Semi Mtd.
IH 140 4x16 roll over
White 5x16 semi mtd.
JD 4 & 5 Base Semi Mtd.

GRINDER-MIXERS

JD 400, very nice
Brady 950 hydra drive
Gehl 120, very goo SOLD
Gehl 65, excellent

GRAIN DRILLS

JD FBB 15x7 Fert., Grass Seed, DD
JD FBB 17x7 Fert., DD, Power Lift
JD 8300 18x10 Double Disc, liquid fert. and press wheels, like new
IHC #10 24x6 DD, all grain

CORN PLANTERS

JD 7000 6-Row Conservation Dry, Original Fert. Monitor & Insect
JD 7000, 6R liquid fert., w/monitor & insecticide
JD 7000 4R Wide, Dry Fert. & Insect.
JD 7000 4R narrow, dry fert., insect. monitor, minimum till coulters, very good
JD 1240 Plateless Disc openers on corn & fert. insect. & rubber press wheels
IH 56 4-Row Dry Fert.
Ford 2R 3 pt., like new

DISCS

JD BWF 18' Wing Fold Rockflex
JD BWA 11'6"
JD 220 center fold, 52 blades, 6 wheel, very good
JD 210 12'
JD 4000 Double Offset 12'
JD TWA Plow Disc, 28 blade
JD AW 10'-11'6"-13' All very good
Bush Hog 146 Offset, 11', big blades
Kewanee 18' Hydraulic wing fold, very good

MISCELLANEOUS EQUIPMENT

Bush Hog SL 70 loader w/7' bucket, Universal mtging brackets
Fahr 17' hay tedder
Case 3 pt. 16' Wing Fold Field Cult.
JD 3 pt. 18' Hydraulic Wing Fold Field Cult.
JD 350 Rake w/rubber mtd. teeth
Glenco 10 tooth Pull Type Chisel Plow
Brady 7 or 9 tooth 3 pt. Chisel Plow
JD 1700 mulch tiller, 9 or 11 chisels
JD 45 & 55 Quick Tach Feeder Houses, very good
JD Hay Pickup w/Gauge Wheels
MF 43 Corn Head, Late Style
Gehl 99 Blower
NH #489 Haybine, very nice
JD 1209 Mower Conditioner, (new & used)
JD 1207 Mower Conditioner
Kewanee hydraulic wing fold field cultivator
Servis 12' Rotary Mower
Stan Hoist 4 Row Stalk Shredder
JD cab to fit 1020, 1520, 2030, or 2630
NI 323 1 row corn picker

COMBINES

1975 JD 4400 Dsl., w/cab, very good choice of heads
1980 NH TR70 cab and air, hydro 3208 cat dsl. 700 hrs., like new w/15' Flex Grain Platform
1979 JD 4400 Diesel, cab and air, 700 hrs., like new
1974 JD 3300 gas w/cab, choice of heads
NH 975 Combine, Cab, 13' Quick Tach Platform and Pickup Reel, $3650.
JD 453A Row Crop Bean Head
IH 315 w/cab & air, 10' grain platform, pickup reel & 2 row corn head

GOOD SELECTION OF GRAIN PLATFORMS AND CORN HEADS TO FIT MOST COMBINES

CORN HEADS

AC 240 E III
MF 24, 43, 44
JD 243, 244, 343, 443, 444, 643
IHC 227

HARVESTERS

JD 3800 w/2RN Head & Long Tongue
NH 38 Flail Chopper, Ex. Condition
NH 890 w/2 RN Head w/long tongue, electric controls, very good

FARM EQUIPMENT

FARM EQUIPMENT

Wooden Double
Chain Feed
Conveyors
Tapered Board
Feeders
Beechdale
Conveyors
SAMUEL K. STOLTZFUS
550 Beechdale Road
Bird-in-Hand, Pa 17505

MF Massey Ferguson

SPERRY NEW HOLLAND

USED EQUIPMENT

TRACTORS
MF 35 w/Loader
MF 175
MF 285

EQUIPMENT
Gehl 65 Grinder-Mixer
Papec Grinder-Mixer
Gehl 2600 Skid Loader
Uni Loader 30 H.P. Skid Loader
NH L-35 Skid Loader
MF 110 Manure Spreader
NI 214 Manure Spreader
NH 367 Tank Spreader

MARLIN SCHREFFLER
Pitman, PA
717-648-1120

BALDWIN ELECTRIC MOTOR DIVISION, INC.
REPAIR & REWIND - ALL BRANDS
AC & DC MOTORS
Call 717-354-5566
Call 717-354-4651
BALDOR ELECTRIC MOTORS
Warehouse and Factory Service
½ hp. thru 10 hp. 1 ph.
½ hp. thru 100 hp 3 ph.
FARM DUTY MOTORS IN STOCK
P O Box 232, Honey Brook
PA 19344

FORRESTER FARMS
1337 Lincoln Highway East
Chambersburg, PA 17201
Phone: 717-263-0705
Sales - Parts - Service
LONG

(2) New Long 610, DT 64 HP
(2) New Long 610, 64 HP
New Long 510, 48 HP
New Long 310 28 HP
Long 1549 loader

¼ Mile East of Exit 6 I-81 on U.S. 30
Hours: 8:30 - 5:00 Mon. - Fri.
8:30 - 12:00 Saturdays

case GEHL HESSTON FARM EQUIPMENT SAME

Special! **NEW CASE 1390 TRACTOR**
• 60 HP Tractor with a Price That Can't Be Matched!
ONE ONLY... CALL NOW!

★ USED EQUIPMENT SPECIALS ★

USED TRACTORS
Case 870 w/Cab & Air Cond.
Case 870, Power Shift
Case 885 w/Loader
Case 570 w/Loader
Case 930
Case 1030
Case 1070
Case 970 SOLD
MF 1085
MF1135
JD 3010
Int. 1086
Allis Chalmers WD45
Ford 9N

USED SKID STEER
Gehl 2500 A
Gehl 2600
Gehl 2600
Gehl 4500 (1979)
Case 1845 Gas or Diesel
Case 1845 (1979) Exc. Cond.
Case 1830
Case 1816 SOLD

USED BALERS
Hesston [illegible] Round Baler
Hesston [illegible] Round Baler
Case [illegible] Conventional

USED HARVESTERS
IH 830 w/2-Row Narrow and Hay Pickup
Gehl 83 w/1-Row Head, Hay Pickup & Direct Cut Head
Gehl 3 Row Wide Cornhead
(2) Gehl CB600's
Gehl CT300
Fox Super 1000
JD 3800

USED PLOWS
JD 3-Bot. 14" Trailer
JD 4-Bot. 16" Mounted
Ford 5-Bot. Semi Mtd. Plow

USED WINDROWERS
Hesston 420
[illegible] Case 555's
[illegible]ehl 1090

USED BLOWERS
[illegible]ower
(2) Gehl 99
Oliver (Parts)

[illegible]

STAUFFER BROS. INC.
1066 Lincoln Way West Chambersburg Pa
Phone 717-263-8424

WE BOTH LOSE MONEY

When You Don't Get A Price From C&W Before You Buy

MAKE AN OFFER

884 diesel row crop, 73 hp	~~$19,990~~	MAKE OFFER
684 diesel row crop, 62 hp, equipped with Mount-O-Matic loader	~~$20,700~~	MAKE OFFER
584 diesel, utility, 52 hp	~~$14,650~~	MAKE OFFER
584 diesel, 4WD, 52 hp	~~$17,600~~	MAKE OFFER

SPECIAL PRICES ON ABOVE TRACTORS WILL BE IN EFFECT THROUGH 1-31-84

SPECIAL LOW PRICE NEW EQUIPMENT

Int. 560 manure spreader, 250 bu. capacity	$5150
Int. 720 5-18 reset plow, trash plates	$8800
Int. 4500 16' vibra shank field cultivator	$2800
Int. 56 blower	$2550
Int. 1300 3 pt. 7' sickle bar mower	$2200
Int. 881 forage harvester w/corn and grass heads	$18,000

LOCAL GROWN USED TRACTORS AND EQUIPMENT

Int. 3200 Skid Steer Loader, Excellent Condition, New Paint, Extra Counter Weight, Hydrostatic
$5000

Int. 886 Tractor, 90 HP, Cab, Air, Very Clean
$18,750

Athens #131 Extra Heavy Duty Disk Harrow, 13' Cut, w/Buster Bar and 4" Cylinder
$5650

LOCAL GROWN USED TRACTORS & EQUIPMENT

Waiver of finance available till 9/1/84 on some items.

IH 584 365 hrs	$12,500
Massey 255 D w/ldr, used 1150 hrs	13,000
Farmall M51 model, new paint	1,750
IH 1066 w/cab, very clean	16,500
JD 2010 row crop, needs engine work	1,950
1066 Black stripe, cab, exc cond	17,500
IH 674, low hours, gas	6,650
JD 430 wide front, power steering, new paint	2,750
IH 37 baler w/thrower	1,450
IH 37 baler w/thrower	1,450
IH 47 baler w/thrower	1,850
IH 430 baler w/thrower guaranteed	2,750
IH 37 baler	1,200
Papec blower good condition	650
IH 56 blower new ring, excellent	1,800
AC blower	400
IH 830 harvester w/2 R corn head	6,500
IH #93 combine	2,300
500 gallon Walsh sprayer	1,200
JD #345 4-16 reset plow, exc.	
IH 370 disc harrow 11'6"	2,250
NH 880 harvester w/2R corn head	3,700
IH 530 manure spreader	1,500
Used lawn & garden tractors	900 and up
D R. Ellis 2 row transplanter	
Gleaner M 1974 model combine, diesel engine, cab, 13' platform with pickup reel & 4 row corn head, one owner	18,500
IH 400 four row planter, no-till	2,850
IH #56 four row double disc planter	1,850
IH 400 6 row planter, no-till	3,750
Athens model 131 13' HD disk harrow equipped with Buster Bar and 4" cylinder	5,650
JD #130F 4-14 3 pt plow	850
IH 700 5-16 auto reset plow	2,950
IH 700 4-16 auto. reset plow	2,250
IH #16 rake, one owner	1,350
IH #35 rake, 3 years old	1,875
IH 990 7' & 9' mower conditioner	
IH #530 3-14 3 pt. plow	650
IH 710 3-16 reset semi-mount plow	[illegible]
IH [illegible] semi-mount trip plow	[illegible]
Farmhand [illegible]	[illegible]
Badger forage box	[illegible]

[illegible] DISCOUNT [illegible]
On [illegible] Used [illegible]

NO MILEAGE CHARGE [illegible] DELIVERY
PLUS FREE HAULING UP TO A 50 MILE RADIUS
Approximate Value of [illegible] Plus Local Delivery

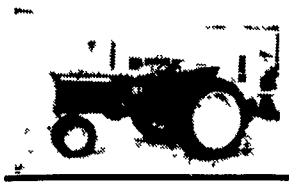
We ship parts by UPS daily [illegible] Guaranteed Service

C & W EQUIPMENT, INC.
[illegible] Penna. [illegible]
717-[illegible]

JOHN DEERE DESIGN, DEPENDABILITY AND DEALERS MAKE THE DIFFERENCE

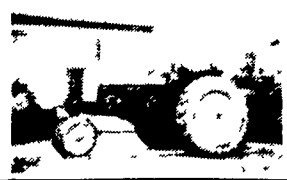
CHECK THESE SPECIALS — CALL RIGHT AFTER 7 A.M. FOR INFORMATION & PRICE

JOHN DEERE 2510 TRACTOR



Dsl, sngl hyd. outlet
good condition
priced at $5,695

JOHN DEERE 730 TRACTOR



Dsl,
was $3,850
Reduced to $3,450

JOHN DEERE 1530 TRACTOR

Dsl, sngl hyd. outlet
w/SAUDER loader
was $10,000
Reduced to $9,250

JOHN DEERE 4640 TRACTOR

w/SGB Air/Htr., Dual Outlets
Quik-Coupler, AM-FM Radio
24.5-32 10 P Rear Tires
Priced at $36,900

DEUTZ 6807A TRACTOR

Dsl, 1981, Cab, MFWD, Radio
was $16,900
Reduced to $15,900

JOHN DEERE 2940 TRACTOR

18.4-34 Rear Tires
Priced at $16,900
WITH: JD 148 Hydraulic Loader
Independent Valve, 84" Bucket
Priced at $2,650

SATOH S550G TRACTOR

w/60" mower
good condition
Priced at $3,695

JOHN DEERE 2640 TRACTOR

w/Roll Gard - Weather Enclosure
Priced at $15,500

JOHN DEERE 4430 TRACTOR

w/Cab, Air/Htr., Power-Shift,
20.8-38 Rear Tires
Priced at $21,900

JOHN DEERE 4010 DSL TRACTOR

16.9-34 Tires, Roll O Matic
Priced at $6,950

JOHN DEERE 3010 TRACTOR

Diesel, Row Crop, Good Rubber
Priced at $5,000

JOHN DEERE 400 INDUSTRIAL

Loader Tractor
Priced at $7,500

WINTER REPAIR SPECIAL
FREE ENGINE OIL CHANGE
WITH TRACTOR REPAIR WORK
$100 MINIMUM

10% OFF

On all John Deere Service Work
On Farm Tractors and Farm Machinery -
No Minimum-Thru March 1, 1984

DISCOUNT APPLIES TO ALL SERVICE WORK DONE IN OUR SHOP INCLUDING HAULING, LABOR, AND JOHN DEERE PARTS USED PERFORMING THE JOB.
☆ FIELD SERVICE EXCLUDED ☆

Make all your farm machinery repairs now to avoid wasting valuable time and money in the busy Spring. Our mechanics are experts...call soon! - (717) 291-1046.

By Appointment Only
Sorry we cannot offer discounts on credit sales

Repair Financing Available Thru JDFP
Credit Approval Required

JOHN DEERE
BOTTOM-LINE SPECIALS

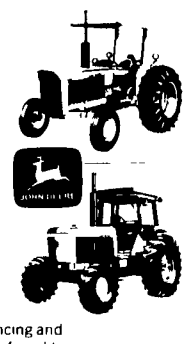
Choose a quality used tractor— any make—get our bottom-line deal plus waiver of finance charge to March 1, 1984

Now s the best time to prepare for next season with a quality used tractor You can upgrade your power dependability features and comfort We re ready to offer you our best bottom line deal on any make of used tractor over 40 hp And if you finance with John Deere finance charge will be waived to March 1 1984

For 1983 investment tax credit and depreciation deduction you can buy during November or December and still qualify

Come in and choose the low hour late model used John Deere or other tractor that will make your operation more cost efficient

★ Availability of John Deere financing and leasing plans subject to approval of credit



OUR SELECTION OF USED TRACTORS

- JD 4640 Dsl Quad, S G Body A/H w/Radio, Dual Outlets-Quik Coupler
- JD 4440 Dsl, Quad, S.G. Body A/H w/JD 260 H D Hyd., Ldr
- JD 2940 Dsl, TSS Hi-Lo Trans.
- JD 2640 w/Roll Guard and Enclosure
- JD 4430 Dsl, P/S, SG Body A/H
- JD 1530 Dsl, w/Sauder Loader
- JD 4010 Dsl R O.M -16 9-34 Rear Tires
- JD 3010 Dsl, Row Crop
- JD 2510 Dsl
- JD 730 Dsl
- JD 400 Industrial Tractor/Loader
- MF 1085 Dsl
- MF 65 Dsl, Row crop
- MF 135 Gas, P/S, 3-pt, Hi-Lo
- Ford 600
- DEUTZ 6807A Dsl., Cab, MF WD, AM-FM, tape
- CASE 430 Gas w/Hyd Loader

WE HAVE A FULL LINE OF NEW AND USED LAWN/GARDEN AND SNOW EQUIPMENT

USED NEW HOLLAND 1895 S.P. FORAGE HARVESTER

w/metal detector,
w/7½' hay pick up
w/4 row "N" row crop
Finance JDFP
No Finance Charges Until Sept. 1, 1984

USED JOHN DEERE 7720 DSL COMBINE

4 yrs. old; 1450 hrs.; cab w/air, heat, AM-FM radio; auto HHC;
low shaft mon.; straw spdr.; w/215 flex plat.;
643 corn head, excellent condition.
Finance JDFP
No Finance Charges Until Jan. 1, 1985

USED MANURE SPREADERS

NI 218 Tandem 8 ton w/Hyd End reduced to	$3000
NI 224 Tandem 10 ton w/Hyd End reduced to	$3295
NI 214 w/216 Flail, Mech End reduced to	$1395
NI 213 w/217 Sngl Btr, w/Hyd End reduced to	$1395
NI 213 w/217 Sngl Btr reduced to	$1195
NI 208 Sngl. Btr., pan. att priced at	$550
IHC 275 Tandem, Hyd. End priced at	$995
Cobey 200 priced at	$475

Several NI 206 Ground Driven priced to sell

NI 206 SPREADERS NEW IDEA 95 BU. GROUND DRIVEN SPREADERS

206 New Idea Spreader Available With or Without Steel Wheels With or Without Endgate Att.

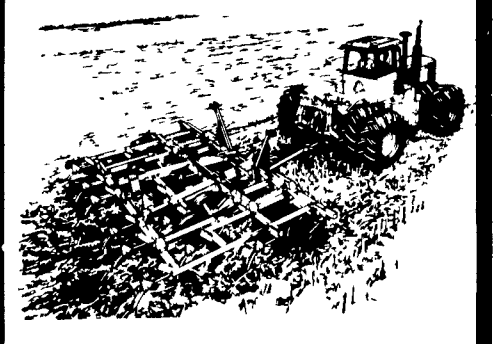
NEW JD TILLAGE TOOLS ---IN STOCK---

Disk Harrows

- 115 - 10'0" - Save $332.30
- 215 - 11'5" - Save $533.90
- 215 - 12'10" w/cush gangs - Save $572.90
- 315 - 12'10" - Save $800.90
- 235 - 18'6" dura cush center fold - Save $1444.10
- 1010 field cult 25½' flex, horiz fold - Save $885.30
- 1610 chisel plow 10' 3-pt. ht. - Save $176.60

JOHN DEERE
BOTTOM-LINE SPECIALS

Get a 5 or 10 percent discount on these new tillage tools AND pay no finance charge until March 1, 1984



Here s why it makes good dollar saving sense to buy now Depending on the tillage tool you choose (see chart below) our dealership will give you our best deal and then deduct another 5 or 10 percent from the latest suggested retail base price For example this extra discount on an 18½ foot 235 Disk saves you more than $1 100

Finance with John Deere and finance charges will be waived to March 1 1984 Or lease and your lease payments will be discounted comparable in value to the waiver of finance charge *

And remember if you buy during November or December you ll qualify for the 1983 investment tax credit and depreciation

Machine	Discount from Suggested Retail Price
Moldboard Plows	5 percent
Chisel Plows	10 percent
Field Cultivators	10 percent
Disks	10 percent
Mulch Tillers	10 percent
Mulch Finisher	10 percent

Availability of John Deere financing and leasing plans subject to approval of credit Leases not eligible for cash rebates or for cash in lieu of waiver
*This offer may be reduced in value or withdrawn at any time

LANDIS BROS., INC.

1305 Manheim Pike, Lancaster, PA 17601
Phone -717-291-1046

FOR SALE

JD 2020 w/loader
Case 1570
MF 1135, cab & air
JD 3010
(2) MF 1155 w/cab & air
MF 180
MF 550 combine w/1143 corn head
IH 3200 Skid Loader

L & M BURKHOLDER
Ephrata, PA.
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717-859-2712

FOR SALE

1978-79 John Deere 6600 Sidehill Combine 1500 hrs. 6 row narrow corn head
Grain Dryer - AS 600 Super B

TROSS TERRAINS, INC.
Located on Rt. 890, Six Miles South of Sunbury.
Phone 717-286-6411 or 717-286-0215

MF Massey Ferguson

M.M. WEAVER & SON, INC.

Leola, PA 17540 (717) 656-2321

Located: 4 miles West of New Holland on Route 23, 1½ miles Northeast of Leola on the North Groffdale Road, 1 mile on the right, opposite Groffdale Mennonite Church

USED COMBINES

SPECIAL MONEY-SAVING FINANCING

Buy now & finance with MF at a low 10.9% APR . or choose waiver of finance charges to May 1, 1984 on selected used combines.

- 1980 MF 760 Hydro V8 with 15 ft. Grain Table and Grain Saver $52,000
- 1978 MF 550 Hydro Diesel with 4 Wheel Drive. $36,000
- 1977 MF 750 Hydro with Grain Saver $29,000
- 1977 MF 750 Hydro with Grain Saver $26,000
- 1977 MF 510 Hydro Diesel. $17,500
- 1976 MF 750 Hydro with Grain Saver $19,500
- 1976 MF 750 Hydro with Chopper. $27,000
- 1975 MF 760 Hydro V8 . . $24,000
- 1975 MF 750 Hydro $22,000
- 1975 JD 3300 Diesel with 13 ft Grain & 2 Row Corn Head $17,500
- JD 343 Corn Head 3 Row 30" . . . . . $ 3,000
- 1975 MF 510 Diesel $17,000
- 1975 MF 760 Hydro V8 . . $24,000
- 1974 MF 760 Hydro 6 Cyl. $22,000
- 1973 MF 750 Gear Drive with Grain Saver $24,000
- 1973 MF 760 Hydro 6 Cyl. $21,500
- 1972 MF 510 Diesel Gear Drive . . . . . $ 9,500
- 1972 MF 510 Diesel Gear Drive $10,500
- 1972 MF 300 Gas . . . . $ 8,500
- 1972 MF 510 Diesel Gear Drive $12,500
- 1971 MF 410 Diesel $ 7,500
- 1971 MF 410 Gas . . . $ 7,500
- 1971 MF 510 Diesel . . $12,500
- 1970 MF 510 Diesel . $10,500
- 1970 Case 1665 Diesel . . $ 5,000
- 1970 MF 510 Diesel $12,500
- 1969 MF 510 Diesel . $11,500
- 1968 MF 510 Diesel $ 8,000
- 1968 MF 510 Diesel Hydro. $12,500
- 1968 MF 410 Gas $ 5,000
- 1967 MF 410 Diesel $ 5,000
- 1966 MF 410 Gas . $ 2,500
- 1966 MF 300 Gas $ 3,500
- 1966 MF 510 Gas with Floating Cutter Bar . . . . $ 4,800
- 1965 MF 410 Diesel . . $ 4,500
- 1965 MF 300 Gas with 11 ft. Table . . . . . $ 2,900
- 1964 AC CII Gleaner with Corn & Grain Head . . . . . $ 6,000
- 1960 AC A Gleaner . . . $ 1,500
- JD 45 with Grain & Corn Head . . . . . $ 1,900
- JD 45 with Grain Head . $ 500
- IH 303 with Grain & Corn Head . . . . . $ 1,500
- MH 82 with 10 ft Grain Head . . . . . $ 1,200

Above Combines Include Grain Tables Less Corn Heads 61 Corn Heads in 2, 4, 6 and 8 Row Size

- New Idea 2 Row 30" Pull Type Picker Sheller $ 5,500

USED TRACTORS

SPECIAL

New MF 2805 Diesel Tractor, 190 HP, 24 Speed, Air Conditioned, Cab & Heater, 20.8x38 Axle Mounted Duals

List Price $69,277
Less Special Discount $20,000
$49,277

- MF 165 Diesel $4,500
- MF 35 Diesel $2,500
- MF 333 Gas $1,000
- JD 50 . . . . . $1,900
- JD B . . . . . $ 600
- Farmall 656 Diesel . $5,800
- IH 107 Cub Cadet . . . . . $ 900
- Ariens 1138 Lawn Mower . $1,100
- Ford 8N $1,900
- Ford 9N $1,500

USED EQUIPMENT

- MF 82 Spring Trip 3-14" Plow . . . . . $ 650
- Oliver Spring Trip 3-16" Plow . . . . . $ 850
- MF 43 Spring Trip 2-16" Plow . . . . . $ 950
- MF 43 Spring Trip 3-16" Plow . . . . . $ 950
- IH Fast Hitch Spring Trip 3-16" Plow . . . . . $ 400
- MF 730 Offset 10 ft. Disc Harrow. $3,750
- 36 Blade Transport Disc . . $ 300
- 24 Blade Pull Type Disc. . . $ 150
- Ford Transport 32 Blade Disc . . . . . $ 500
- Brady 3 pt. 9 Tooth Chisel Plow $1,100
- Dunham 3 pt 8 Tooth Chisel Plow $1,150
- MF 129 Front Mtd. Cultivator . . . . . $ 300
- 3 Section Harrow . $ 75
- 3 pt. Weeder . $ 25
- MF 428 3 pt. 4 Row Rolling Cultivator . . . $1,500
- Tye 10 ft No Till Grain Drill $8,900
- Danuser Post Hole Digger $ 875
- Century Sprayer . . . . $ 850
- Glenco 7 Tooth Soil Saver $4,250
- Farmhand Corn Processor $3,200
- (2) Kilbros Gravity Box and Wagon . . . . . @$2,200
- Tonutti 4 Wheel Hay Tedder $1,750
- Farmhand 6 Wheel Rake . . $1,200
- M-C 9 ft. Rotary Scythe $3,900
- Badger 14 ft. Forage Wagon . . . . . $ 950
- Circle Saw Buck. . . . $ 100
- Myer Snow Plow . . . . . $ 400
- 3 pt. Snow Blower $1,200
- E Z Gravity Box and Wagon $ 880
- N H. 707 Harvester with Hay Head . . $ 900
- N H. 707 Harvester with Corn Head $1,200
- Mohawk Rotary Cutter $ 395
- N H Super 717 Harvester $ 950
- MF 925 Demo Haybine $4,500
- Fella 2 Wheel Hay Rake and Tedder . $1,200

FARM EQUIPMENT

USED BELTING MATERIAL RUBBER MATS FOR

Comfort stalls, Free Stalls
Horse Stalls, Horse and Cattle Trailers,
Hog House

Paul N. Brubacher
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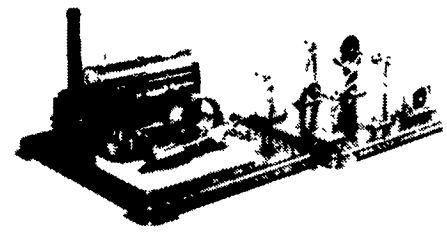
PIPE

NEW USED and RECONDITIONED PIPE
STANDARD EXTRA & DOUBLE EXTRA HEAVY - ALL SCHEDULES ALL TYPES FABRICATION - THREADING CUTTING — WELDING
121 SO. MARKET ST. - WILMINGTON 19801
302-656-0276 or 215-DE1-4240

FARM EQUIPMENT

LIVE! STEAM STATIONARY ENGINES



MODEL SP-5 THE CLASSIC OF STATIONARY MODEL ENGINES Comes complete with Brass Boiler Cooper Steam Pipes Steel Fire Box It features powerful twin Cylinders with reverse control, whistle boiler sight glass and exhaust to chimney safety valve Takes 3 5 minutes to raise steam Platform measures 9½" wide by 10½" long Burns solid fuel supplied $109 95 Extra fuel enough for 7 runs $4 25 Made in England a real work of Art

WORKSHOP The ideal companion piece to stationary engines Can be driven by any Mamed engine Included are LINESHAFT POLISHING MACHINE GRINDING MACHINE POWER HAMMER, POWER PRESS $49 95

SPECIAL! Both Twin Cylinder Stationary Engine and Workshop $159 90 Value for $143 95 Postpaid

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(717) 264-3533 (717) 597-8811 (717) 532-8800

Badger OMC AVCO NEW IDEA

USED TRACTORS

IH B
IH 826 w/ROPS
IH 656 Dsl
IH 706
IH 200 Farmall
IH 756 Diesel
IH 806 w/new TA
IH 1066 w/cab, 2050 hrs
IH 2050 Loader w/Side Pump
IH 504 w/NI Loader
Farmall M
JD 620
JD 70 Skid Loader (like new)
JD B
#10 Hydra-Mac Skid Loader
1976 Chevy C60 Truck
Ford NAA w/Sauder Loader
AC WD

WE SHIP PARTS UPS DAILY

OPEN HOUSE GREEN CASTLE STORE FEB. 6 to 10

TILLAGE EQUIPMENT

IH 350 Disc, 9'10"
IH 710 4x16 Plow Reset
IH 720 5B 20" Plow
IH 700 5x16 reset Plow
JD 5x16 Reset Plow
JD 4x16 Reset Plow
Case 8' Disc Offset
IH 19B Disc (like new)
IH 9A 9' Disc (like new)
Kewanee 13'6" Wheel Disc
Athens 7' Chisel Plow
Athens #131 13' Disc
Athens #131 11'6" Disc
IH 350 Wheel Disc
IH 53 4 Row Cultivator
Niemeyer Power Harrow
IH 401 12' Harrow
IH 450 3x16 Plow
IH #55 13' Chisel Plow 3 Bar
IH #55 7' Chisel Plow 3 Bar

HARVESTERS

Fox 2200 Harvester w/2 Row Head
Fox 546 Fg Harvester
Fox 249 Snapper Head
Fox 1000 Fg Harvester
Fox 2RN Belt Corn Head
NH #818 Fg Harvester
IH 555 Fg Harvester
JD 38 w/2RW Head
JD 38 w/2RN Head

MISCELLANEOUS

OMC 540 Stacker
Jamesway 60' Belt Feeder
KW Loader for IH 284
Boyhill 300 gal Sprayer
Hesston #10 Stacker
Better Bilt 12' Manure Pump
Demco 500 gal Sprayer
Zimmerman 40' Elevator
Mayrath 34' Elevator
Harson 200 gal sprayer
Badger 24' Silo Unloader
Silo Matic 24' Silo Unloader
NI 12 Fert Spreader
Anderson Stone Picker
Badger 11 '40' Conveyor

GRAIN DRILLS

JD 13x7 Grain Drill
JD FBB Grain Drill
Oliver 10x7 Grain Drill
Oliver 17x7 Grain Drill
IH 13x7 Grain Drill
IH 510 16x7 Grain Drill
IH 510 13x7 Grain Drill nice
Tye No-Till 80" 3 pt Drill
JD FBB Grain Drill

HAY EQUIPMENT

IH 47 Baler w/Thrower
IH 440 Baler
IH 37 Baler w/Thrower
IH 990 9' Windrower
IH 5000 Windrower
Hesston 320 AP 9' Windrower
Hesston PT10 Windrower
Case 555 Windrower
NH 27 Blower
IH 56 Blower
Fox Blower
NH #46 7' Mower
JD 3 pt hitch 7' mower
VanDale 180 Feeder Wagon
Coby 4000 Wagon

WAGONS

(2) Badger 14' Wagons, like new
Grove 14' Wagon

CORN PLANTERS

IH 56 4 Row W/N
IH 455 4R and 6R
IH 449 4R
IH 400 4R & 6R W/N
JD 1240 4 Row
Ferguson 2R 3 pt Hitch
White 5400 4R no till liquid fert , insect boxes, markers, monitors 30"

PLOWS

JD 3 pt hitch 2 bottom plow

SPREADERS

NI 218 Manure Spreader
NI 214 Manure Spreader
NI 213 Manure Spreader
NI 212 Manure Spreader
NI 206 gr dr Spreader
Hawk Bilt 357 Spreader
Hawk Bilt 205 Spreader
Clay 1500 gal Manure Tank

NEW IDEA UNI EQUIPMENT

NI 708 Uni, less than 800 hrs
767 Super Chopper
768 3RWN Corn Head
NI 702 Dsl Uni
840 Feeder House
818 Combine
767 Super Chopper
713S Platform
744N 4 Row Corn Head
844W 4 Row Corn Head
770 Ear corn Adaptor
710 Combine
324 Picker w/12 roll bed
NI #330 3RN picker

COMBINES

IH 915 Combine w/6R Corn Head
IH 715 Combine w/4R Corn Head
IH 205 Combine w/13' Platform
IH 843 4 Row N Corn Head
IH 76 Combine
IH 303 Combine w/13' Platform
Oliver #40 Combine
JD 45 Combine

Coming In
3 pt Hitch Wood Saw
Badger 10'L 9"W Conveyor

MELROSE FARM SERVICE

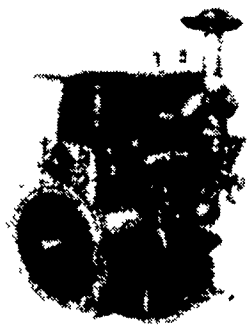
Greencastle, Pa. 717-597-3138

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

WISCONSIN Heavy-Duty ENGINES

6 to 65 H.P.

★ SPECIAL ★
FACTORY SURPLUS



MODEL TJD
18.2 H.P.

Baler Replacement
Crank Start
w/Fuel Tank
$725.00

(Dealer Prices On Request)

• Authorized Service Center • Complete Rebuilding • Large Parts Inventory

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Bird-in-Hand, PA 17505
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CARTS AND SCRAPERS
Carts with Farm Built Wheels
1 Year Guarantee

FOR SALE
Auto turn carts and five angle scrapers
Reassemble with two bolts

Scrapers	$175
Carts with brake	$285
Carts without	$245

Scraper good for barn yards, stones & snow

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Hayrakes made any size from 6 to 16 ft.
$19.00 a ft.
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Used Pipe Size From ½x6 half price
Many Other Styles Hayracks In Stock
Any Size Gates Made To Your Needs

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USED EQUIPMENT

TRACTORS
JD 4440 PS w/Cab 917 Hrs (Sharp)
JD 4040 QR w/Cab 1300 Hrs
JD 650 Repo w/Turf Tires
JD 820 3 cyl Diesel
MF 265 Diesel
MF 135 Gas w/Loader
IH Farmall M Tractor
IH Farmall Cub w/Rotary w/Sickle Bar
Oliver 66 Gas
AC 190xT Series III Diesel

MISC. EQUIPMENT
Small Houg. Pay Loader
Mighty Mac Skid Loader
Sauder Loader (Like New)
JD FB-A Grain Drill
JD 727 13' Rotary
JD 272 Rotary Mower
Ford Rotary Mower
Case 330 Baler
Gehl 9' Mower Cond
Thrower for MF Baler

Year End Clearance on New Equipment

7-Shank Soilmaster	5,150 00
JD 1710 Mulch Tiller	4,995 00
Grain-O-Vator	4,500 00
Moore 10' No Till Drill	10,500 00
GT 37 Dryer	7,500 00
Badger Blower	1,995 00
Badger Ear Corn Mill	8,900 00
Badger 220 Bu Spreader	4,900 00

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Phone. 215-987-6277
Berks County's Full Line John Deere Dealer-
Serving The Oley Valley 47 years 1936-1983

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It's coming! Feb. 6th thru 11th
The Big Open House At C.B. Hoobers
Farmers Day, Thurs. Feb. 9th
– Boy do we eat and have a good time! I can hardly wait!

USED EQUIPMENT

USED TILLAGE
T7892 IH 710 Plow
T8034 Deere 110 Disc
T8166 Deere BW Disc
T8187 Tebbins 13 Shank Subsoiler
T8204 Krause 2413 Disc
T8363 IH 550 Plow
T8366 IH 510 Plow
T8439 Deere 220 Disc
T8570 IH Super-C Plow
T8690 Rotary Hoe 12' Rotary Hoe
T8693 Glencoe 13 Shk Chisel Plow
T8745 IH 490 21' Disk
T8827 IH 2F-14" Plow
T6493 Glencoe 11' Shk Chisel Plow

USED HARVESTING EQUIPMENT
U4260 IH 700 Platform
U4638 IH 810 Platform
U4639 IH 810 Platform
U5152 MF NA Platform
U5799 IH 810 Platform
U5817 Ih 744 Cornhead
U6474 IH 844 Cornhead
U7064 IH 863 Cornhead
U7138 IH 915 Combine
U7222 MF 510 Combine
U7719 AC A438 Cornhead
U7737 JD 6600 Combine
U7754 Cornsaver 844 Cornsaver
U7789 IH 810 Platform
U7818 IH 715 Combine
U7819 IH 844 Cornhead
U7904 JD 4400 Combine
U7923 IH 810 Platform
U7936 IH 863 Cornhead
U7961 IH 915 Combine
U7963 IH 1480 Combine
U7964 IH 883 Cornhead
U8010 MF 510 Combine
U8014 IH 820 Platform
U8037 IH 944 Cornhead
U8138 IH 863 Cornhead
U8172 IH 1460 Combine
U8311 McCurdy Wagon
U8457 IH 715 Combine
U8542 IH 1480 Combine
U8544 IH 883 Cornhead
U8545 IH 883 Cornhead
U8599 IH 100 Mower
U8641 MC 180SB Shredder
U8654 MF 750 Combine
U8659 IH 720/830 R/C Unit
U8668 IH 863 Cornhead
U8673 IH Cornhead
U8688 IH 810 Platform
U8697 Ih 843 Cornhead
U8719 Kools KB1000 Blower
U8738 IH 810 Platform
U8742 MF 510D Combine
U8754 IH 403-12' Platform
U8782 IH 810 Platform
U8798 IH 844 Cornhead
U8799 IH 203C Combine
U9493 IH 744 Cornhead

MISCELLANEOUS
V7567 IH 510, 21x7 CM Drill-Grn
V7666 IH 400 6RN Planter
V8298 JD 7000 4RW Planter
V8563 IH 56 4RN Planter
V8681 IH 5100 21x7 Drill
V8682 IH 5100 2 Drill Htch
V8769 FMC 1229TM Sprayer

USED TRACTORS & ACCESSORIES
W4228 IH Hydro 186 Tractor
W7372 IH 1466 Tractor
W7379 IH 1456 Tractor
W7798 IH 2000 Loader
W7821 IH 4120 Skid Loader
W7844 IH F450D Tractor
W7951 IH 1086 Tractor
W8040 IH 966 Tractor
W8042 Ih 2350 Loader
W8045 IH 1454G Tractor
W8070 IH 966 Tractor
W8165 IH 584 R/C Tractor
W8243 Deutz DX140 Tractor
W8283 Kubota L245D Tractor
W8536 IH Farmall M Tractor
W8569 IH Super C Tractor
W8626 Case 2670 Tractor
W8633 IH F1026D Hyd Tractor
W8647 IH F856D Tractor
W8684 IH 84 Hydro Tractor
W8729 IH F1086D Tractor
W8756 IH 574D R/C Tractor
W8826 IH F460G Tractor
W8833 IH 4166 w/Cab
W8861 IH 574G w/2250 Ldr
W8863 IH F656G Hydro
W8866 IH F756D Tractor

USED LAWN & GARDEN
X7039 Echo SRM140DA Weedcutter
X7947 IH 1000 Cub Cadet
X8376 Ranger RM-35 Mower
X8377 JD 110 Lawn Trac
X8378 IH 60 Cub Cadet
X8415 IH 105 Cub Cadet
X8416 IH 127 Cub Cadet
X8518 JD 110 Lawn Trac
X8723 Hahn PHDT124 Tiller
X8836 IH 382 5 Spd Cub Cadet

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INT. 475 DISC
JD-BW DISC
JD 5020 tractor
MOTT MOWER - 48 In.
JD 54 Manure Spreader
JD 494A Planter
JD 694A Planter
JD 4400 Combine
JD 105 Combine
JD 7000, 8 row, 30" corn planter w/Liquid Fertilizers and Monitor
JD 1250 corn planter
Oliver 5x16 Plow
JD 1250, 4 btm. plow
1-JD AW disk harrow, 14'

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JD 415 Rotary Hoe
JD 347 W Baler
JD 7100 8-row 20" bean planter
JD 950 - 12 Ft. Roller Harrow
JD 7000 - 4 Row & 6 Row Conservation Planter
2 - JD 506 Gyramor
2 - JD 606 Gyramor
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Used Deutz D-8006, 85 HP, cab & duals, clean, 1240 hrs
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John Deere 480 mower conditioner

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D7807 Deutz tractor, 74 h p
DX 120 Deutz tractor, 111 h p, w/4 post safety frame
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Deutz-Fahr KS85 Hay Rake
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Now in 3 sizes ideal for use on your size farm:
- KM 321 working width 10'7"
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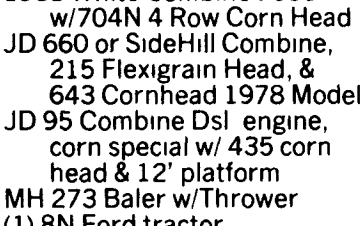
- KM 241 working width 8'

1 - All Mower-Conditioners utilize the patented drawbar and drive line to enable 90 degree and sharper turns under full power.



1 - Larger triangular discs for more knife overlap
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JD 4050	
JD 4250	
JD 4450	
JD 1250 4 whl Dr	$15,500
JD 2440	$17,000

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JD 450 Spreader	
JD 660 Spreader	
JD 680 Spreader	
JD 445 Spreaders	
JD 300B Backhoe/Loader No Trade	
JD 115 11' Disc	
JD 315 13' Disc	
JD 4420 Combine	
JD 1326 Mower Conditioner	
JD 660 Rakes w/rubber teeth	
JD 3940 Fg Harvester	
JD 2600 5Bx18" Plow	
JD 1250 Plow 4Bx16"	$2450.95
JD 2700 6Bx18" Plow	
JD 7000 Conservation Corn Planters 6R	
JD 16x10 FF Drill	$4000
JD 327 Baler w/ejector	
JD 27 Flail Shredder	
JD 965, 1065, 1075 Running Gears	

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1-IHC 830 Fg. Harv 1981 model, PU & 2 R C H	$11,000
1981 White Combine 7300 w/704N 4 Row Corn Head	$25,000
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(1) 8N Ford tractor w/Hydraulic Front Blade	$2500
(1) AC C tractor	$1500
JD 730 Dsl Tractor	$3500
JD 2440 Tractor	$11,000
JD 400 Tractor Model 1981 w/60 mower	$4,800
2-105 White Tractor	$14,500
JD 1460 6 Row Planter No-till	$3500
(2) AC 600 Series 6 Row Narrow Corn Planter	$4500 ea
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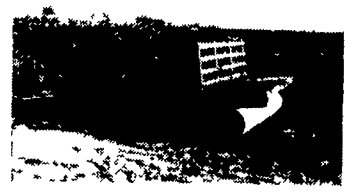

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Order Yours Now!
Manufactured by:
Valley Road Log Roller Shop
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New JD F950,
12' Roller Harrow
List $5839
Sale $4600. No Trade

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JD 650 MFWD
JD 750 MFWD
JD 2350
JD 2640
JD 2750
JD 2950
JD 2950 MFWD
JD 2950 MFWD & Cab
JD 4050 RG, PS
JD 4250 Cab, PS

NEW EQUIPMENT
JD 7000 Cons. Planter 4 Row Dry Fert
JD 7000 Cons. Planter 4 Row Liquid
JD 712 Mulch Tiller, 11 ft. 3 in.
JD 1610 Chisel Plow, 8 or 10 ft.
JD 950 Roller Harrow, 12 ft.
JD 1250, 3-16" Plow
JD 1250, 4-18" Plow
JD 415 Rotary Hoe
JD 1209 Mower-Cond., 9 ft.
JD 1326 Mower-Cond.
JD 327 Baler w/30 Ejector
JD 430 Round Baler
JD 567 Wheel Rake
JD 450 Hydra-Push Spreader
JD 240 Loader w/73" Bucket
JD 66 Forage Blower
JD 716A Forage Box
JD 506 Rotary Cutter, 5A.
JD 709 Rotary Cutter, 7 ft.
JD 5½ & 7 ft. Hay Pick-up

USED EQUIPMENT
JD 307 Rotary Cutter
JD 3 14" Plow
JD 246 Corn Planter, 2 Row
JD 355 Bottom Plow
FB-A Grain Drill, 13x7
JD #18 Corn Picker 3 Pt. Sprayer
IH Cub Lo-Boy w/5 ft. Woods Belly Mower
JD 850 Tractor w/Turf Tires, 112 hrs.
JD 60 Skid Steer Loader, like new
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Papec Forage Box w/3rd Beater & Roof
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JD 54 Spreader w/Hyd. Endgate
JD 7000 4 Row Planter w/Coulters, Dry Fert.
JD 694A 6 Row Planter w/Hyd. Markers
Case 5 Bottom Plow
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NEW MACHINE SPECIALS
JD 2440 Tractor
JD 6620 Sidehill Combine

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JD #716 Wagon w/1275 running gear, roof & 3rd btr., 10 ply tires, real nice	$6,500.00

Plus Several Good Disks & Plows To Choose From

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Waiver of Interest until March 1, 1984
- '64 JD 4020 Diesel, wide front
- '68 4020 diesel, wide front
- TO-30 Ferguson
- '71 JD 4320
- '73 IH 766 wide front, 3 pt. hitch
- IH Super M
- '71 IH 1456, No Cab
- '79 Steiger
- ST 210 Series 3, 4WD with dual 18.4x34 tires, 3 pt. hitch, 1336 hrs.

CORN PLANTERS
Waiver of Interest until April 1, 1984
- '82 AC Model 333, 15-20" Row, No-Till Bean Planter, Dry Fert., Insecticides
- JD 7000 8-30 Dry Fert. No Till Coulters Insecticides, Monitor
- IH 6-30 air planter
- JD 1250 plateless

USED PLOWS
- JD F145 - 5-16 Semi Plow
- JD F145 - 5-16 Semi Plow w/harrow attachmant

USED COMBINES
Waiver of Interest till January 1, 1985
- '81 JD 6620 224 hrs. 24.5x32 tires Dail-a-matic height control, 216 Flex Cutter bar.
- '73 JD 7700, hydrostatic drive, turbo, 16' platform
- '74 JD 7700 - Rotary Screen, Mud Hog Drive, 16 Ft. Platform
- '75 JD 7700 - Rotary Screen, 16' Platform
- '73 JD 7700 hydrostatic drive
- '76 JD 7700 rotary screen, gear drive, 215 flex cutterbar
- '80 JD 7720 4 wheel drive, 220 flex cutterbar
- '78 IH 1480 axel flow w/four wheel drive

'81 JD 8820 4 wheel drive, factory duals, 1100 hrs., w/1243 corn head & 220 flex cutter bar, exc. shape

CORN HEADS
Good Selection of John Deere
443-444-643-843-1243 Cornheads

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- Bish head adapter to install JD corn head on NH TR70 combine
- JD 653 row crop bean head
- JD RG4 cultivator
- M&W 450 grain dryer, PTO dry
- JD 210 14' disc harrow
- JD 38 Harvester w/2 RW Head
- JD 38 Harvester, Electric Controls, w/2 RW Head, 5½' Pickup Attachment
- JD RG8 Cultivator, 8-30" Rows
- Tye drill 24 tine, double disc opener, 3 pt. hitch
- Caldwell grain cart, 700 bushel
- Graber 26" flex pull-type chisel plow
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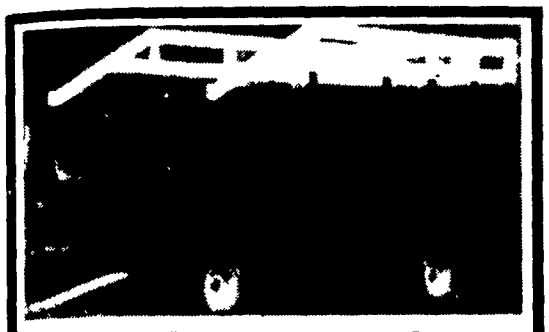

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All Oak Bale Wagon Racks
16'L - 8'W - 7'H
Painted red and white, $420.00
without paint, $385.00
18'L - 8"W - 7½' H
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20' greed chop feeding rack, $460
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8 ton wagon gear, used tires, $460.00

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AC 7040D	AC 200	AC CA	IH 300	JD 4010	Case 300 w/Loader
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AC 7020D	AC 170D	AC 5050D	IH 350	MF 65D	Oliver 1650D
AC 7010D	AC 175D	JD 2010	IH H	MF 65G	
AC 7000D	AC D19D	IH 806	IH 140	Case 1490	
AC 440	AC D14				

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New and Used Miller Discs and AC Discs
14T J.D. baler and engine
AC 444 baler and engine
Farmhand grinder & blower
(2) L 425 NH Skid Loaders
731 Bobcat Skid Loader
610 Bobcat Skid Loader
630 Bobcat Skid Loader
1000 OMC Skid Loader
371 Bobcat Skid Loader
Thomas Skid Loader
MC 600 Grain Dryer
65' 8" transport Auger
AC L, M, F, G&A Combines
NH 890 Chopper w/2 or 3 Row Head & Pickup Head
IH 830 Forage Harvester
Uni Harvester 708 & 702

Compare... If you can find a better spreader than KNIGHT... *Buy It!*

You're Invited To Come And See Why It's Best At The MANURE MANAGEMENT CONFERENCE

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At The Farm and Home Center
1383 Arcadia Rd., Lancaster, PA

The New 2500 Slinger Will Be On Display

SPREADERS

Need a rugged and durable spreader? Check the selection of sizes and options Knight has available--

Choose from 140, 180 250, 350, and 500 models Models 250 and 350 offer single or tandem axles Models 350 and 500 may be truck mounted Hydraulic endgate provides seal for semi-fluid manures Beater options will fit your particular manure handling chores We welcome your personal inspection of Knight built-tough spreaders

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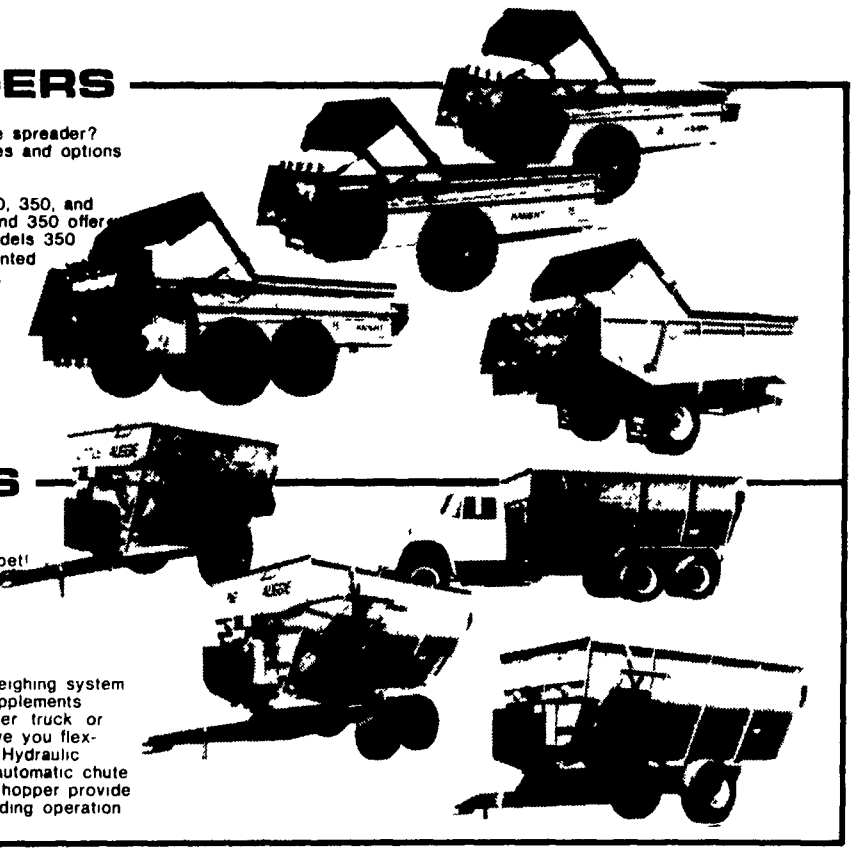
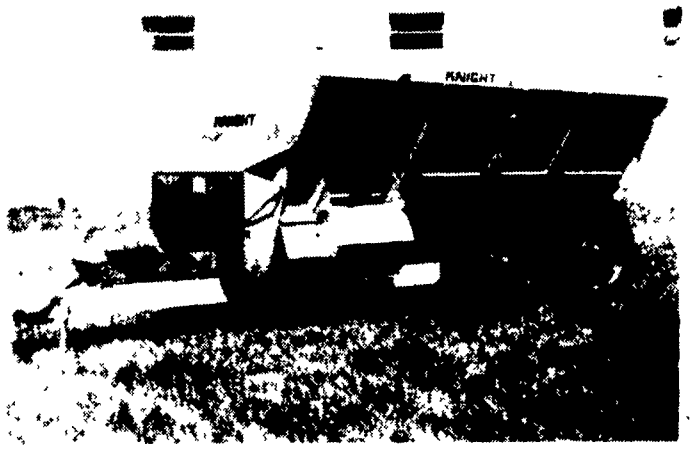
Wondering if we've got the right Auggie for you? You bet! Just try one on for size-- from the 170 cu ft capacity 'LITTLE AUGGIE to the biggest 370 cu ft BIG AUGGIE Four sizes to mix and feed perfectly blended rations Optional weighing system assures accurate use of supplements roughages and grains Trailer truck or stationary mounted units give you flexibility to match your setup Hydraulic control of discharge door automatic chute clutch and automatic tilting hopper provide effortless control during feeding operation



NEW NEW

2500 "SLINGER" MANURE SPREADER



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MF Massey Ferguson

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MF 510 Diesel Combine w/MF 44 Cornhead
MF 750 Diesel Combine
MF 33 Drill, Like New
MF 65 Gas Tractor
NI 214 Spreader
JD FB Drill
JD 6600 Diesel Combine w/Grainhead & 6 Row Cornhead

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- MF 750 Diesel
- JD 6600 Combine

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MF 698 Tractor
NI 660 For. Harv.
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Hesston 1014 Hyd. Swing Conditioner
JD 1710 Mulch Tiller
Bush Hog 1432 10½' Disc

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Farmall MD, Super M Tractors
JD B Tractor
JD 520 Tractor
JD 720 Tractor
JD 3010 RCU Tractor
Farmall Cub w/outfit
Cub Frt. Mtd. Blade
JD 494A Planter
IHC 315 Mulch Packer
IHC 540, 550 4B Plows
JD F125 6B Plow
Ferguson 2B Plow
JD AW Disc 12'
Woods Cadet 60 Pull Type Mower
JD 507 Cutter
MF 41 Sickle Bar 3 pt. Mower
Mayrath 40' Elevator
NI Hay Rakes on steel
Myers Snowblade
Valk ST80 Snowblade

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JD 45 w/platform
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New 6600
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New 1710 w/Powersteering
New 1210 w/Frt. Whl. Dr.
New 7710 w/Sycro. Trans.
Used 140 5B 16" Auto Reset Plow. Ex. Cond.

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NEW HOLLAND
New TR70 Combine w/cab, air, heater, w/cat. engine and lots of extras
13' flotation header and cutter bar, w/hume reel
962 N4 corn head
New Harvesters - 707, 718, 782
New L35 gas, L325, L555 diesel, skid loaders
New 353, 358 Grinder-Mixers
New 367 Tank Type Manure Spreader
Used 975 Combine w/11' head
Used 718 Harvester w/2 heads

AVCO NEW IDEA

NEW IDEA
NI 406 rake
NI 323 one row corn pickers
NI 3 pt. Hitch Fertz. Spreaders

New Glencoe 12'9" Finishing Harrow
Used JD 340 Disc Harrow
Used IH 550 Harvester w/Windrow PU & 2R Corn Head

Dismantling Combines for parts over 200 all makes and models. Call before you come.

IH 64, 76, 80, 82, 125, 127, 141, 101, 151, 91, 93, 203, 303, 403, 503, 205 & 815. JD 12 A, 25, 30, 40, 45, 55, 95, 105. AC 60, 66, Gleaner A, C, CII, E or L MF Clipper, 26, 27, 70, 80, 90, 72, 82, 92, 35, 300, 410 & 510. Oliver 33, 35, 40, 430, 525 & 545. Ford SP & pull. 701 NI Uni tractor, NI Uni - 705D (ear corn unit), combine & shellers, Case 800 & 660, 600

COMBINES
E Gleaner, 3 row narrow corn head, cab, 10' grain head
IH 205 w/10' grain head, 2R corn, $4200
IH 93 w/10' head
IH 403, cab & 13' head
JD 4400, cab & head
JD 40 w/8' head
IH 105, cab, grain & 2 row corn, $2500
C2 Gleaner w/2 heads
Gleaner A2 w/cab & grain head & corn head, $3650
NH 985 cab with quick-tach grain head
MF 410 Diesel w/grain & 4R 30" cornhead
MF 300, cab, 13' grain head, 2 row corn head, $3500

TRACTORS
VAC Case, tires like new, $685
Late Farmall H, good shape
AC C tires, like new
Late JD A w/hydraulics
JD 60 w/live PTO, $1050
IH 3444 Diesel, industrial loader tractor, $2475
IH 330 w/loader and power steering
VAC Case, 3 pt, hydraulics, $750
Oliver 77 gas, $675

TILLAGE
JD RWA 14' wheel disk, $875
JD 1450 6 btm 16" plow, $1750
3-IH 10' & 12' wheel discs
10' transport roller harrow

MISC.
NI 213 spreader w/new drag chain & sides, $1275
Hawk Bilt tank spreader, $575
2 Dodge Buses, good running condition, makes good hay truck or campers
(2) 50 bushel spreaders, $150 & 200
Case spreader, $275
2 sets of 18x38 rear tractor, dual wheels
New Zimmerman 32' elevator, $1450
IH loader for H or M, $185
Sauder loader, $100
3 pt. Hesston round balemover, $450
Dump trailer will haul 12 T shelled corn, suitable for tractors 100 HP or over
IH PTO spreader, $500
JD 1450, 6 btm, 16" plow, on land hitch, $1575

DISMANTLING TRACTORS FOR PARTS
Harvesters and Corn Heads for Parts
JD 2010, 70D, 4010, IH 560 D, IH F 14, A, B, C, H, M, 300, 350, 460, 460 Ut., Supers C, H. & M. JD A, B, 50 & 60. AC WD, WC, D17. Oliver 70 & 77. Ford 8N, Ford 6000D. Case SC & V.A.C., DC. Massey 44D, 333, 30, MF 85D, IH 400, MTA, 240, F20, WD D2 Cat crawler. JD 70 G, Oliver crawler, 2 Oliver crawler loaders.
Dismantling 50 pickers for parts
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NEW HOLLAND, MARTIN AND H&S SPREADERS

NEW TRACTORS
JD 4250 SG, PS, MFWD
JD 2950, SG
JD 2550
JD 300B Loader & Backhoe

NEW HAY & FORAGE EQUIPMENT
NH 782, 892, 892 w/metal Alert Fg. Harvester
JD 5440 SP Fg. Harvester, 4 WD, 1180 hrs.
JD 3940 & 3960 Fg. Harvester
JD 347 Baler
JD 327 Baler
JD 430 Baler
NH 311 & 316 Balers
NH 849 Round Baler
NH 488, 495 & 1495 Haybines
NH 256 Rake
JD 670 Rake
JD 660 Rake
H&S Fg. Wagon
H&S Bale Wagon
New Hay Tedders

NEW PLANTERS
JD 7000 6 Row Consv.

NEW TILLAGE
JD 950 Roller Harrow
JD 2600 4B Plow
Haybuster No-Til Drill Also for Rent

NEW SPREADERS
NH 519, 679, 791
Martin 2400 V Type & F1466 Scavengers
H&S 260 & 295 Spreaders

NEW MISCELLANEOUS
JD 335 Skid Sprayer
Most Model JD Loaders & Blades
Demco Sprayer 600 gal.
JD #27 Flail Shredder

USED TRACTORS
JD 2030
JD 2030 w/reverser
JD 4010
JD 3020
Farmall A w/Hyd. Lift
MF 265
MF 202
Satoh w/mower

USED CORNPLANTERS
JD 1240
JD 1260 w/monitor
JD 7000 6RN w/min. till attach.
White 5400 6RN Plateless
AC 4 Row No-Till

USED HAY & FORAGE EQUIPMENT
NH 479 Haybine
JD 2 Row Narrow Corn Heads
NH 2 Row W 880 Head
NH 269 Baler w/Thrower
NH 78 Baler
JD 24T Baler
Hesston 1010 Swing Tongue
JD 640 Rake

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SNH #782 Forage Harvester w/#824 corn head $12,400
SNH #718 Forage Harvester w/#824 corn head $9,650

HAY

SNH #451 Mower w/7' Cutter Bar. $1,860

Don't be fooled by lower prices on "will-fit" parts. The management of other brand dealerships recognize the value put into genuine Sperry New Holland parts and service. This is what made Sperry New Holland the leader and No. 1 in hay and forage equipment. When a problem arises or you need parts or service, call your authorized Sperry New Holland dealer.

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

SLURRY BUGGY

Vacuum tank
Liquid Manure Spreader

1500 gal. tank will load in approx. 1½ minutes

2900 gal. tank will load in approx. 2½ minutes

1500 & 2900 gal. tank spreaders designed to load and unload fast to save you time.

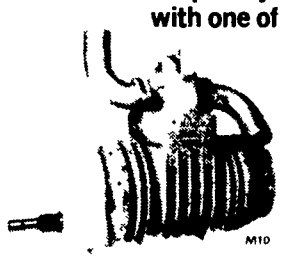
Standard:
* Large 192 CFM model M 10 MORO pump
* 6" hose inlet for fast loading
* Hydraulic rear valve and indicator
* Moisture trap and secondary trap for pump protection
* Load level indicator and sight glass
* Heavy duty walking beam suspension on 2900 gal. model

Option:
* Giant vacuum pump, 350 CFM for loading heavier liquid manure (Wally model 750)
* 6" hand side valve for easy loading
* 2 and 4 tooth injectors for injecting your manure

Buy your own spreader and you can:
1 - Haul your manure when and where you want to.
2 - Help keep your farm disease free by hauling your own manure.
3 - Use spreader in summer time for hauling water to water your crops or garden.
4 - Use spreader for hauling liquid fertilizer or feed.
5 - Put on injectors and inject your manure, save on fertilizer $ and keep your neighbors smiling. (less smell).

Look at our Prices:
1500 gal. spreader with used 1000-20 truck tire - $5,375
With new 26 ply air craft tire - $5,695
2900 gal. spreader with used 1000-20 truck tire - $6,800
With new flotation tires - $7,300
Prices include 14 foot of suction line.

Farmers replace your old pump with one of ours



- Rotor Speed 1000 RPM's
- Air Capacity 192 cfm
- PTO Speed 540 RPM's
- Built in two way value to change pump from vacuum to pressure.
- Built-in oiler to lubricate pump.

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JD 4430, cab, air, quad range trans.
JD 4430, power shift, roll guard
JD 4430 powershift, cab & air
JD 4320, no cab
JD 4320 w/cab, sharp
JD 4520, New tires
JD 4520 w/cab & duals
JD 4020, power shift
JD 4020 Syncro
JD 2940, w/roll guard w/500 hrs.
JD 2040 diesel
JD 2020 diesel
JD 3020 gas
JD 3020 Diesel, Syncro
JD 3020 powershift
IHC 986 cab & air, sharp, 150 hrs.
IH 966, cab and air
IH 966 w/roll guard
IH 1466 w/cab
IH 766
IH 1256 w/cab
IH 656 wide front
IH 656 utility w/loader
IH 574
IH 544 diesel
Ford 9600
AC 7030 w/cab, real nice
AC 7030
AC 210 diesel
White 4-180 w/duals, quick coupler, used 2000 hours.
MF 1105

USED COMBINES

JD 6600 Diesel
JD 4400 w/4R cornhead
JD 55 corn special
Oliver 525 w/2 heads, exc. cond.
NI 702 tractor w/710 combine
NI 702 w/chopper & 3 row head

USED HARVESTERS

Fox 2 row snapper head
Used Moridge grain dryer
Late Model NI 702 uni tractor w/767 Super Chopper, 3 row head & pickup head
Fox 2000
Fox Custom 90
NH 770 w/2 heads

MISCELLANEOUS

1980 Chevy tandem w/26' Jerdan rollback, like new
JD power till grain drill
IH 510 grain drill
JD 346 wire baler w/thrower
JD 346 twine baler w/thrower
NH 278 baler
Keewanne 20' hydraulic fold disc
JD 21' hydraulic fold disc
Large selection of smaller discs
Large selection of plows from 3 to 7 bottom
Gehl 4400 skid steer loader
NH 469 haybine
New Farmhand loaders for IH and JD tractors

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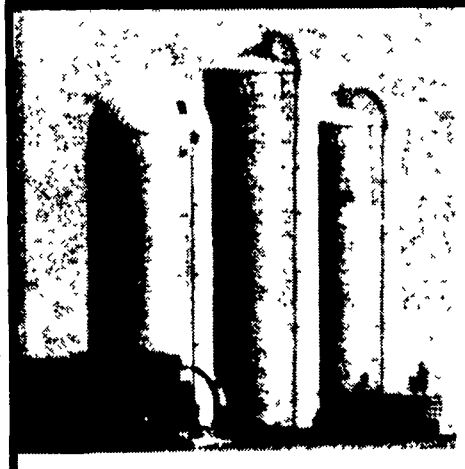

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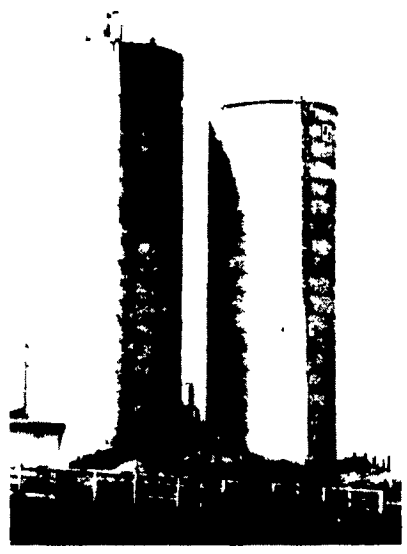

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Wanted - Harvestore conveyor scales. 717-786-2839

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- All New Magna-Trac Ring Drive
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■ T.M.R. Van Dale Mixer-Feeders - 4 Auger
- Truck Mounts
- Trailer Mounts
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• 40 Cows to 400 Cows

■ Husky Liquid Manure Spreaders
- 1500 Gal. to 4500 Gal
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■ Husky Liquid Manure Pumps
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■ Uebler U-Blend™ TMR Forage Carts

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K & S INC.
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PH: 717-284-3111

- Fickes Silo Top & Bottom Unloading
- Van Dale & Silo-Matic Equipment

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1 - Patz 12-16 Rebuilt Unloader - Complete	$1990.00
1 - Patz 16-20 Rebuilt Unloader - Complete	$2190.00
1 - Starline #70 - 12' Unloader- complete	$1990.00
1 - Starline #70 - 20' Unloader - Complete	$2190.00
1 - 20' Jamesway V2 Basic Unit w/Hexapod	$1500.00
1 - Used 36' Galv. Single Chain Conveyor	$495.00
1 - Used #200 Roller Mill w/Motor	$995.00
1 - Used Supreme Batch Mixer w/Motor & Scale	$1250.00
"SPECIAL" - GEHL 800 RECUTTER BLOWER w/540 & 1000 PRM PTO - EXTRA SCREEN - GOOD	$2000.00
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1 - 20x70 Lancaster Silo, built in 1975
1 - 14x60 Madison Silo w/New Roof & Chute, Built in Local Area. $5900.00
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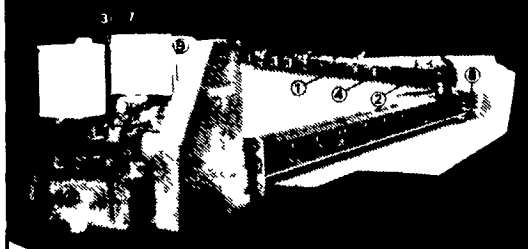
Only the Supreme Forage Challenger Bottom Unloader Offers You All These Top Features:



1 Exclusive chain guide minimizes chain wear Keeps cutting knives at proper angle Eliminates damage to silo floor
2 Short arming is eliminated in all but the toughest conditions
3 Exclusive Automatic Ratchet Control enables you to match cutting speed to cutting need Directional Ratchet Advance enables cutter arm to be directed forward or backward
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5 Fits right into the trough of most bottom unloaded silos
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DESIGNED FOR...
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Large 26" rotor housing offers quality 304 stainless steel construction plus split design for easy of maintenance

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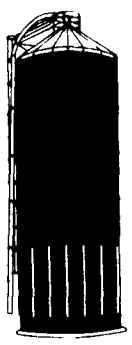

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Call (717) 733-0408
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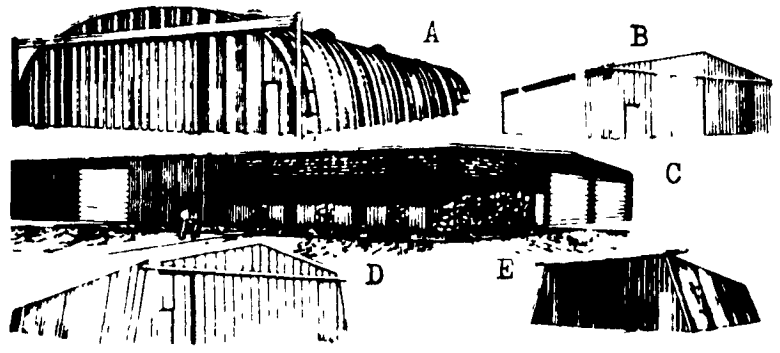

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Type A B C D E

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For Sale - 600 gal. D2 Girton milk tank, 5 h.p. Lehigh cooling compressor 50+ and 40+ Alame vacuum pumps, 3 h.p. and 5 h.p. Choreboy vacuum pumps. Also new vacuum pumps. Elam S. Stoltzfus, Answering service, 717-529-2668.

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3 HP Brunner compressor, model 30H, Excellent operating condition. Price $500. 301-895-5974.

FOR SALE: 600 gallon used Zero milk tank, $1400. Call 717-274-1242.

For Sale - Supreme piston manure pump. Berks Co. 215-488-6077.

For Sale - 300 gal. Zero milk tank and Feed Easy 12' silo unloader complete. 301-348-5660.

Weaverline feed cart, 24 bu., excellent condition. Call 717-945-5873.

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For Sale - Hill 5 door upright display freezer with 5 h.p. 3 phase compresser, 6 years old, $2,500; 75,000 printed screws caps $200; Sealright container constructing chin nor l. r board containers $75; complete U-shaped checkout counter 10' x 4' with windbreakers $125; computerized (No. MS1/55) calculator-dialer $150. Contact Hoffman Farms, Inc. 754-6441 or 754-7751.

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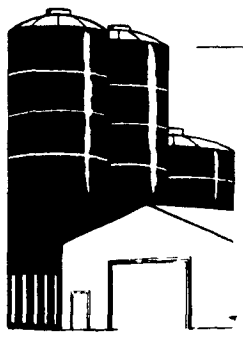

PENN-MAR AGRI

Parts & Service

Main Office & Service Center
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Call: Nelson L. Ziegler
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Services Available:
1. Service Maintenance, Dig-Outs, Long & Short Arm, Etc.
2. Pressure Testing Structure & Bags
3. Resealing
4. Motor Repair
5. Complete Unloader Rebuilding

Parts for Unloaders:
Cutter and Conveyor Chains, Hook Assemblies, Sprockets, Bearings, Seals, cutter Arms, Forks, Backbones, Discharge Housing, Unloader Doors, Motors, Belts, etc.

Parts for Structures:
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Center Fill Pipe - 9" or New Style 12"

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New Unloaders for Forage & Grain
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- 12 Bou-matic Claws without valves ..... $20.00 each
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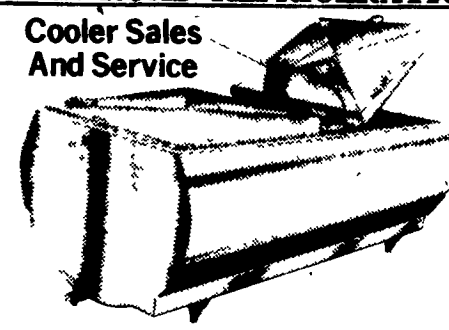
Cooler Sales And Service



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The following list of Used Coolers are available now or in the near future. Call us for date of availability.

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(1) 400 Gal. Zero
(2) 500 Gal. Zero
(1) 600 Gal. SOLD OH Mueller
(1) 600 Gal. SC Milkeeper
(1) 600 Gal. Milkeeper
(1) 600 Gal. Girton
(1) 600 Gal. Mojonnier
(1) 800 Gal. Sunset
(1) 800 Gal. DeLaval
(1) 800 Gal. Cherry Burrell
(1) 900 Gal. OH Mueller
(1) 1000 Gal. Sunset
(1) 10[SOLD] Zero
(1) 1000 Gal. DeLaval
(1) 1250 Gal. Dari-Kool
(1) 1250 Gal. Surge
(2) 1250 Gal. DeLaval
(1) 1500 Gal. Dari-Kool
(1) 2000 Gal. OH Mueller
(1) 2000 Gal. Walker
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• 3 HP Lehigh • 3 HP Tecumseh

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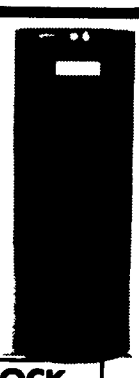

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We Will Service Any Make Bulk Milk Tank

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Phone. (717) 626-6355 Ans. Ser. (717) 733-1224

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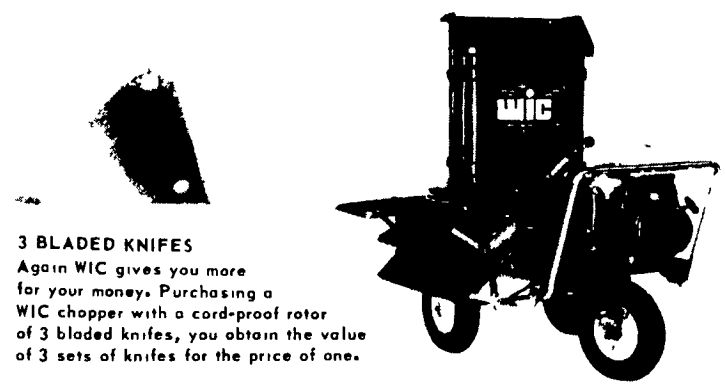

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Again WIC gives you more for your money. Purchasing a WIC chopper with a cord-proof rotor of 3 bladed knifes, you obtain the value of 3 sets of knifes for the price of one.

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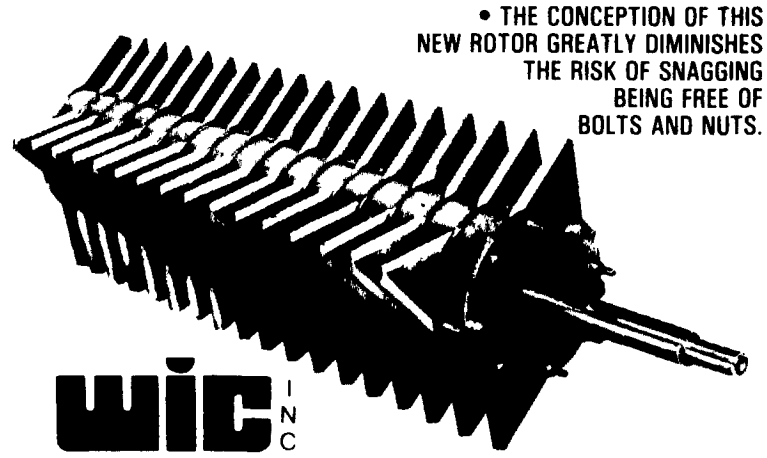

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With the Bale Chopper blower [illegible] ding into stalls or alley lane or blow bedding into stalls through windows or doors. The Bale Chopper shreds and blows an entire bale in only seconds and all you do is direct the 180° rotating blower

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Clean, evenly shredded bedding encourages cows to use free stalls, and stall use improves udder health, especially during bitter winter months.

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Use the Bale Chopper to shred hay into mix wagon with grain and silage. Tests have proven TMR feeding results in better herd health and increased production.

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Goossen
3-Point Mounted - $1445
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Sale Price - Jan. - Feb.

Large photo shows Bale Chopper with 3 point tractor mounting and power takeoff. Left insert shows electric feed drop model for conveyor use. Also available with blower and dust collector. Right insert shows gas model

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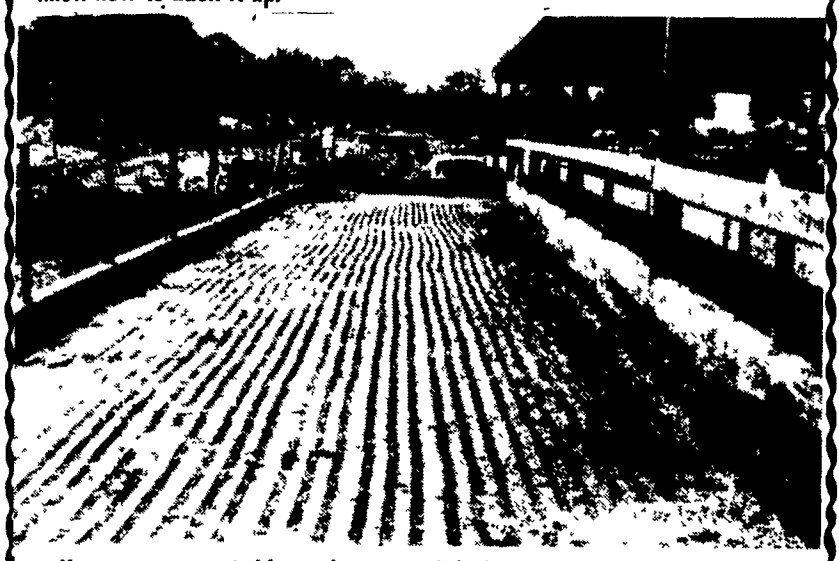
We have developed the right equipment at the right price with the know-how to back it up.



Now you can rent this equipment and do it yourself or we will contract to do the job for you. Call us collect for more information.

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(1) Used Bou-Matic Parlor w/8 units
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- 600 Gal. Jamesway
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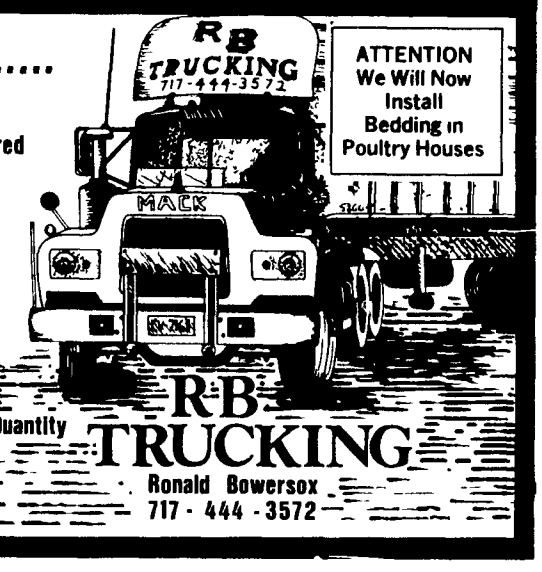

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Used Executive 8085 Computer Feeding System

Complete
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* Hi-Moisture bin included
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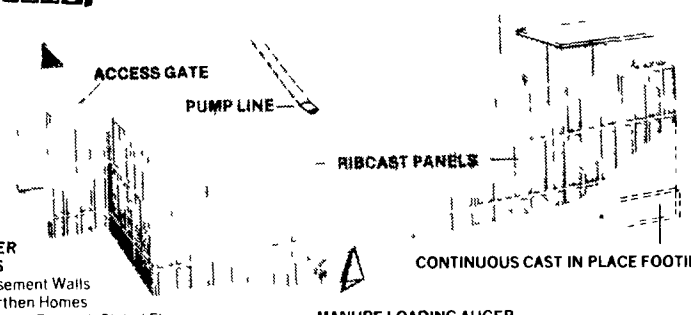

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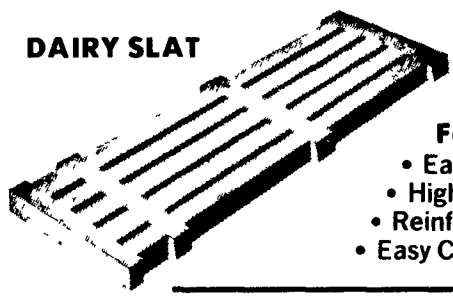
Available in 8 10 and 12 deep rectangular and round structures

CONCRETE GANG SLATS
for Dairy and Hogs

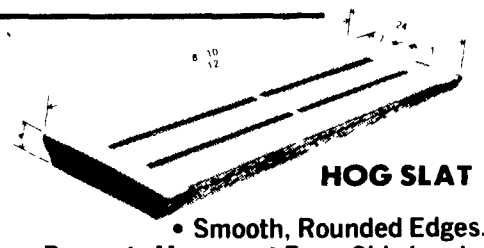
DAIRY SLAT



Slats available in gangs of 8, 10, 12 ft. lengths.

Features:
- Easy Installation
- High Strength
- Reinforced Construction
- Easy Cleaning

Features.
- Easy Cleaning
- Center Beam
- Slight Crown.
- Uniform Spacing.
- Easy Installation
- Slats Stay Drier.
- Easy on Animals Feet
- Low Cost- Long Life



HOG SLAT
- Smooth, Rounded Edges.
- Prevents Movement From Side Loads.
- High Strength Reinforced Construction.

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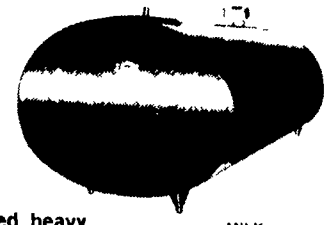
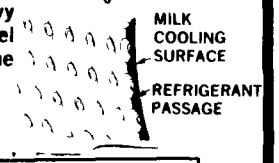
MODEL SED



Featuring

Sunset's pre-formed heavy gauge stainless steel evaporator plate is the heaviest in the industry



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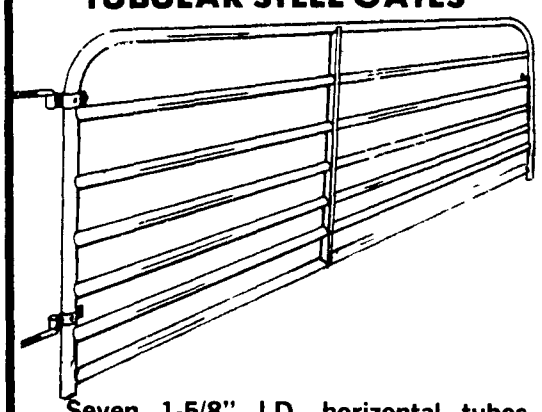

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Over 200 New Trailers in Stock in 10 Brands

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- 16 ft x 6 ft Gooseneck Stock w/Nose Combination Rear Gate, Spare Wheel $2995
- 16 ft x 7 ft Gooseneck Stock w/Full Nose & Wood Lined $3750
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Type 3 Galvanized **FENCE WIRE**

1 1/2 ¢ PER FOOT

IN 3 TYPES

OFFER GOOD ONLY TILL JANUARY 31, 1984

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The newest exciting wire in Kencove stock A1 has a minimum of 200,000 PSI breaking strength Test this against any other high tensile fence wire you will be impressed!! Galvanization doesn t crack even on a tight hand wrap Even though it is in the same strength range it doesn't break as easily in a tight kink as our USA wire (the USA wire is more brittle) Convenient half mile coil weighs approximately 68 lb for easy handling and shipping An 8000 quantity of this wire has the lowest shipping cost of any of KENCOVE's wires because it can be sent UPS or Mail at their lowest rates A1 is also available in 4000' coils

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COMPARE — KENCOVE has the BEST for the LOWEST PRICE! **$39.45 - 2630 Ft.**

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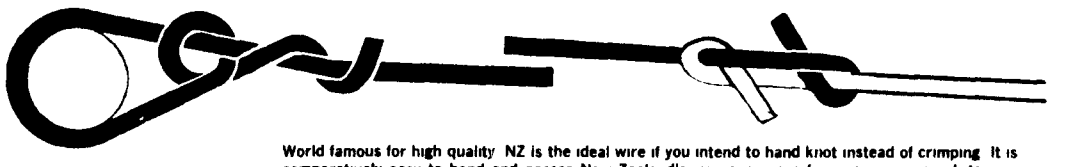
4000 106 lb spin coiled wire for tangle free unwinding USA is ideal for use with crimping sleeves for splices It has app 1550 lb breaking strength or 210,000 PSI Made by one of the leading producers of High Tensile wire in the United States Kencove special 20% lower price at a 23% improved strength

$600.00 - 10-4000 Ft.



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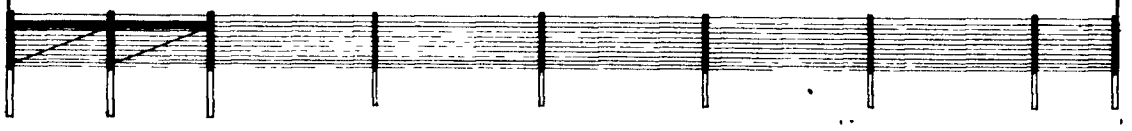

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Wanted - Holstein heifers, breeding age. Call 717-768-3197 between 8 & 9 am.

Simmental bull, purebred, 1½ years, from Signal daughter. 717-362-3275.

For Sale - Registered holstein heifer sired by Willow, dam projected at 800 fat, due Feb. 2, $750. Call 717-687-9006.

For Sale - 15 springing Holstein cows and heifers, 717-253-3049.

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For Sale - 10 choice polled hereford bull calves. Sire weighs over 2000 lbs., 70 cents per lb. Contact Ken Foust, Gettysburg, Pa. 717-334-5966.

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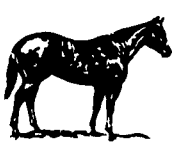

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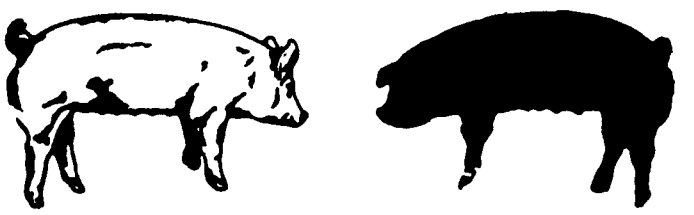

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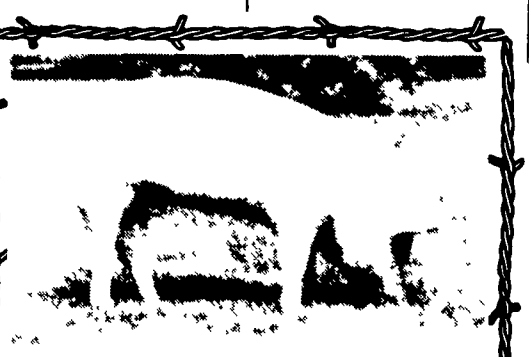

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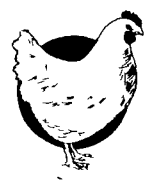

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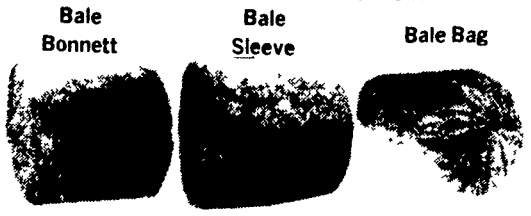

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Experienced christian worker needed on 100 cow dairy farm. Berks Co. House Available. 717-933-5771.

Retired couple to oversee small horse farm near Harrisburg. Farm experience helpful. Duties include feeding 7 days per week. House provided. Write Box 366 R-83 c/o Lancaster Farming, Lititz, Pa. 17543.

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Christian person to work on dairy farm and do general farm work, full time, or person to work part time mornings and/or evenings, 717-653-4923.

Wanted - person to work on beef and tobacco farm, must be well experienced with operating farm machinery. Write Box D-117, c/o Lancaster Farming, P.O. Box 366, Lititz, PA. 17543.

Unit Manager needed for 80 crate 500 sow operation, South Central, PA. Experience or education required. Reply to Box 366 J-292 c/o Lancaster Farming, Lititz, PA. 17543.

Person to work on 75 cow dairy farm and help with field work. Farm experience preferred. Salary and benefits negotiable. Would like references. Lebanon County, 717-867-2272.

Help Wanted - Christian person for dairy and field work. Lancaster County. Send references to Box 366 L-14, c/o Lancaster Farming, Lititz, PA. 17543.

WANTED - Married man for dairy farm. Experience needed. House and privileges available. Location northern Delaware. (302) 834-6922.

Agricultural sales persons wanted. Exclusive territories available in Pa., Md., Delaware, NJ and NY. Earnings up to $40,000 per year depending on your ability. Farm background preferred but not essential. Call Keystone Energy-Pak Systems, Division of Star Silos, Inc. 717-866-5708.

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HELP WANTED

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HELP WANTED

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PETS

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Responsible mature married person to work on 90 cow Reg. Holstein dairy farm. Must have experience milking and field work. Large 3 bedroom house, with free gas heat available. Blue Cross and Blue Shield provided. Located Indiana County. 412-286-9049.

SITUATIONS WANTED

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Amish merchant for all Amish food center located in established Farmer's Market Poultry, meats, deli, baked goods, produce, low low rent, call now:
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PETS

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Frigidaire electric range 40" white $45.00; GE electric range 30" white $45.00; Lancaster Co. 717-627-2308.

Large Bucket-A-Day stove. 30 gallon hot-rack water tank, cast iron radiator 1' pipe and fittings. $450 for everything. c/o Moses B. Riehl, 64 South Groffdale Road, Leola, RR, PA. 17540.

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For Sale - 10'x12' walkin refrigeration unit, metal construction used indoors; 14' display case w/mirror. Wayland Durane fruit grader w/wet brush used for peaches and apples. Good JD A in running condition; 1948 model. Call 301-756-4397.

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Hammond 8200 Aurora organ, tone bars, polysynthesis, percussion unit, auto vari 64 units, piano unit, many other extras. Like new condition. Price $3,000. 717-582-2352.

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Grandpa Herr's pure natural Lancaster County HONEY. We fill your container, 99 cents pound! Free Samples! Bird-in-Hand Farmers Market, Bird-in-Hand, PA. Ft. 340 Fr. & Sat. 8:30-5:30, 717-291-9544.

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2" new boiler flue pipe, exc. for gates or fencing. 717-872-9152 days, 872-2579 eves. and weekends.

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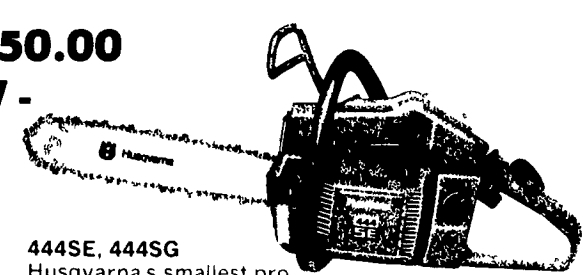

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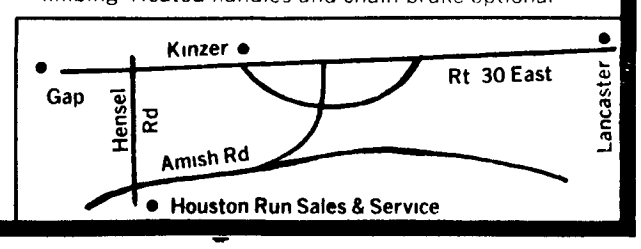

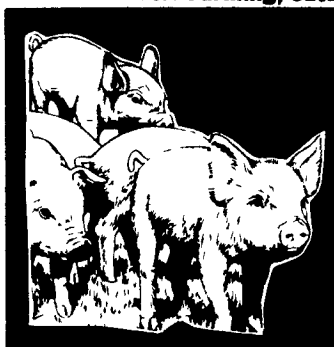

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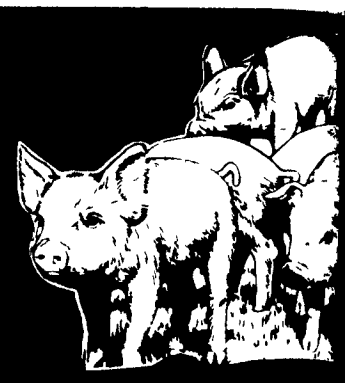

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Program outlined for beef cattle conference

UNIVERSITY PARK — "Beef Production from Conception through Consumer" will be theme of the biennial Beef Cattle Conference to be held Feb. 17 and 18 at Penn State. The conference will convene at 9 a.m. Feb. 17 at the J. Orvis Keller Building on the campus and adjourn Feb. 18 at 4 p.m.

A variety of topics for both experienced and beginning cattlemen will include several out-of-state speakers. Featured will be Harlen Ritchie, professor of animal science at Michigan State University. He will present two topics, "Status of the Breeds and Where They Fit in Current Production Programs," and "Matching Crossbreeding Systems with Resources."

Roy Wallace, Director of Beef Cattle Programs for Select Sires, Inc., Plain City, Ohio, will discuss "Use of Performance Records and Sire Summaries for Herd and Breed Improvement."

Three different types of merchandising will be featured. This will include a specialized, quality-based market such as the Angus Certified Beef Program to be discussed by Louis M. Colvin of West Salem, Ohio. A large meat packing firm will be represented by Bob Summy and Kirt Smith of MOPAC, Souderton, Pa. A small "country" slaughterhouse specializing in freezer beef will be described by Norman Painter of Elkland, Pa.

"We choose this topic since farmers involved in commercial or purebred beef production are trying to find the best markets and want to adapt their type of cattle to those markets," declared Lowell L. Wilson, conference chairman and professor of animal science at Penn State.

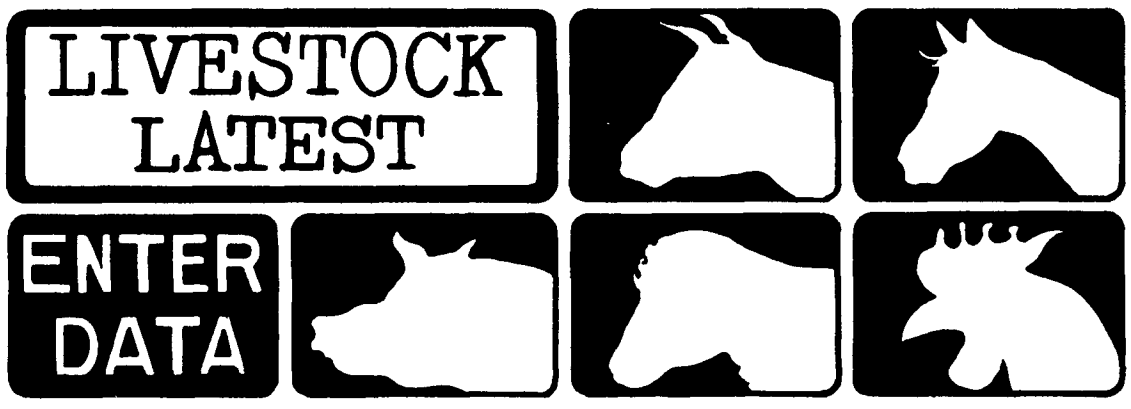
Pre-registration is advised for this beef cattle conference at Penn State. Registration forms can be obtained from the Department of Dairy and Animal Science, 324 Henning Building, University Park, PA 16802, or by calling 814-863-3667.

Four cattle breeders will discuss the use of performance records for herd improvement and merchandising. Included will be Roy Wallace of Select Sires, Inc., Plain City, Ohio; Ray Bratton of McVeytown, Pa., Charolais breeder; Conrad Grove of Devereaux-Soleil Farm of Downingtown, Pa.; and James Cairns of Stornoway Farms, Ligonier, Pa.

Another producer panel will address the topic, "My Cattle Operation — Methods, Problems, Changes, and Opportunities." This Pennsylvania group will include Ralph Dotterer of Mill Hall, J. Paul Espy of Warriors Mark, Paul Heffner of Fairfield, and others.

"The Cattle Outlook in the Northeast" will feature H. Louis Moore, Penn State agricultural economist. Tom Drake and Clair Engle of Penn State will discuss "Cattle Health and Management Calendars." Lowell Wilson will present an "Animal-Pasture Management Systems Update." William Henning of Penn State will discuss "Carcass Evaluation."

The Pennsylvania Cattlemen's Association will hold its annual banquet on Friday evening, February 17, at the Boalsburg Firehall. A breakfast for registrants will be held February 18 at the South Ridge Best Western Motel, courtesy of International Minerals Corp., Terre Haute, In.



Del. plans swine meetings

GEORGETOWN, Del. — A series of three all-day meetings will be held for Delaware swine producers on Feb. 10, 17 and 24. The meetings are being sponsored by the Delaware Pork Producers Association and University of Delaware Cooperative Extension Service, and will take place at the university's Georgetown substation Each session will start at 9 a.m and last until midafternoon. A fee of $5 per session will be charged and preregistration is required.

Programs for the sessions are as follows:

Feb. 10 - Respiratory Problems in Swine, Dr. Robert Hammond, extension veterinarian, University of Maryland; An In-depth Look at MMM (mastitis, metritis, agalactia), Kenneth Kephart, extension livestock specialist, University of Delaware; and Conducting Your Own Post-mortem Exams (actual demonstration), Dr. H. Wesley Towers, Delaware state veterinarian.

Feb. 17 - Hog and Grain Outlook, Lou Moore, Penn State exension agricultural economist; New Developments in Swine Nutrition, Richard Chapple, livestock researcher, University of Delaware; and Practical Ways of Improving Feed Efficiency, Kenneth Kephart.

Feb. 24 - Secrets of Successful Ventilation, James Scarborough, extension agricultural engineer, University of Delaware; Recent Developments in Heating and Cooling, Dan Meyer, extension agricultural engineer, Penn State; Fitting a Building Maintenance Schedule into Your Operation, Brad Hilty, extension livestock agent, Wicomico County; and Recirculation and New Ventilation Concepts, Dan Meyer, extension agricultural engineer

Lunch will be served, and each session will end with a question and answer period.

Participants may preregister for any or all of the sessions. For further information, contact Ken Kephart at (302)856-5250.

Horse Expo on Feb. 4

FELTON, Del. — Last year's Delaware Horse Expo was such a success that the Delaware 4-H Horse Advisory Committee and University of Delaware Cooperative Extension Service plan to hold another one on Saturday, Feb. 4, from 8 a.m. to 5:20 p.m. at Lake Forest High School in Felton.

The educational event is designed to provide owners and enthusiasts with information on horse nutrition, foot care, schooling, breeding, pasture management and related subjects.

The expo will also give visitors an opportunity to explore the many aspects of horsemanship--as hobby, career, recreation, exercise or competitive sport. Information will be available on various breed associations in the area.

Proceeds from the day-long event will benefit the Delaware 4-H Horse Program. Preregistration (deadline Jan. 28) is $5 for adults and $2 for those under 18. Tickets at the door will cost $7 for adults and $3 for young people.

Faculty for the expo will include a specialist in horse nutrition from Ohio State University; two area trainers, one a farrier; an agronomist from Delaware State College; and a reproductive physiologist from the University of Pennsylvania's New Bolton Center. They will speak on the following topics: equine nutrition, pleasure driving, care of the broodmare and foal, schooling the show hunter, foot problems and corrective shoeing, and pasture and hay management.

In addition to the educational program, there will be a used tack and equipment swap shop; horse club, breed and commercial exhibits; horsemanship contests with cash prizes; a 4-H "horse bowl" contest; and an arts and crafts contest.

For further information, or to preregister, contact the county extension office in Newark (451-8965), Dover (736-1448) or Georgetown (856-5250).

Shorthorn sale sets record

DENVER, Col. — Records were smashed in the most successful Denver sale of Shorthorn cattle ever seen at the National Western Livestock Show.

The crowd of interested cattle producers filled the aisles and overflowed to stand several deep in the stands of adjacent barns in the effort to glimpse the sale of some of the finest Shorthorn seedstock in the nation.

Billed as the Shorthorn Seedstock Special Edition II Sale, 33 1/2 lots of Shorthorn and Polled Shorthorn cattle were auctioned at an average of $12,100 per lot. Grossing $405,600 and commanding bids from cattlemen from three continents, the sale created an enthusiasm and excitement that added to all the other events at this year's National Western.

The top selling and record setting bull at $100,000 (½ interest, full possession) was HS Grand Ransom 2416 x, an October '82 son of Mill Brook Grand Ransom 93, consigned by Walter J. Hoyt & Sons, Burns, Or. The bull had been the top indexing and highest yearling weight bull over all breeds at the 1983 Cal Poly Bull Test at San Luis Obispo.

Selling at $75,000 (2/3 interest, full possession) was Willow Crest Elevation x, the 1983 National Grand Champion bull by Deerpark Leader 13th, Consigned by Carl Jordan & Family, Rensselaer, In.

Selling at $48,000 (1/3 semen interest) was Deer Trail Goliath, consigned by Deer Trail Ranch, Powhattan, Ks., and Little Ponderosa Ranch, Manhattan, Ks. He was sired by Deerpark Improver 2 out of Mar Vel Stylish 45 D67.

Selling at $35,000 (2/3 interest, full possession) Wagon Master x, by Ayatollah.

Selling at $21,000 - Ceremonious Hope 238, the 1983 National Shorthorn Show Grand Champion female.

Selling at $10,000 (½ interest) HS Desert Playmate.

Selling at $10,600 - Mill Brook Tulip 82 x by Mill Brook Ransom G-Nine 2975.

Pork producer honored

NEWARK, Del. — Coulter Passwaters, a 29-year-old farmer from Bridgeville, has been named 1984 Delaware All-American Pork Producer.

Passwaters has a 400-sow feeder pig operation employing a manager and two helpers. The 1974 University of Delaware graduate began raising feeder pigs as a 4-H'er and attended the National 4-H Congress in Chicago in 1970 because of his winning swine project. Except for a few years during and immediately after college, he has been raising pigs ever since.

In addition, he, his brother Carl H. and their father raise barley, wheat, corn and soybeans on 1,450 acres in the Bridgeville area. At present, 900 acres of this land is under irrigation.

Aside from grain and hog farming, Passwaters is the new president of the Delaware Pork Producers Association. He is a past director and past vice president of the association.

Also a past director of the Sussex County Farm Bureau, he declined another term in order to devote more time to pork industry activities. He has been a local 4-H club leader and now helps on the county level

Coulter Passwaters

Passwaters is an eight-year member of the Bridgeville Volunteer Fire Company, and is an emergency medical technician on the company's ambulance crew.

He has also been involved with ASCS, state field crop committees, and the Southern States Young Farmers.

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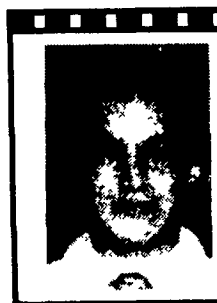

Livestock Ledger

By

Chester D. Hughes

Extension Livestock Specialist

So, you want to buy a heat exchanger? Commercial heat exchangers, offer the same appeal for many hog producers that solar energy held for homeowners during the late '70's. A lot of them know they want one; what they don't know is why.

Heat exchanger technology isn't new technology, although the concept is gaining popularity in swine housing ventilation concerns. Heat exchangers have been used in earnest for more than 30 years now, generally to recover waste heat from chemical plant and refinery processes. The list of commercial heat exchanger manufacturers today tops 100. The agricultural market for commercial heat exchangers is still in experimental stages, with the technology new to producers and livestock production new to many heat exchanger manufacturers.

The heat exchanger passes the outgoing warm exhaust air across or around the incoming cold air to try to warm it. Thus, it may reclaim part of the 70 percent to 90 percent of your heat, which you otherwise send right out the ventilation system. This exchange is done through a heat-conducting barrier to prevent contamination of the fresh air.

Three types of air flow patterns are used. The cross-flow pattern moves warm and cold air at 90 degree angles to each other; the counter-flow pattern moves cold and warm air in parallel but opposite directions; and the parallel-flow moves cold and warm air parallel to each other in the same direction.

A properly sized and used heat exchanger will save heat, but remember that it's not "free" heat. Heat exchangers are no ventilation cure-all, nor are they a windfall that will wipe-out fuel bills. If you look at the right things at the right price, they can be useable ventilation tools.

For more information on heat exchangers contact your local Extension Office. Southeastern Pennsylvania Pork Producers may also want to attend the Lancaster Pork Day on February 27 at the Martindale Fire Hall, Martindale where Dr. Dan Meyer, Penn State Extension Agricultural Engineer will discuss "The Heat Exchanger" and "New Concepts in Ventilation".

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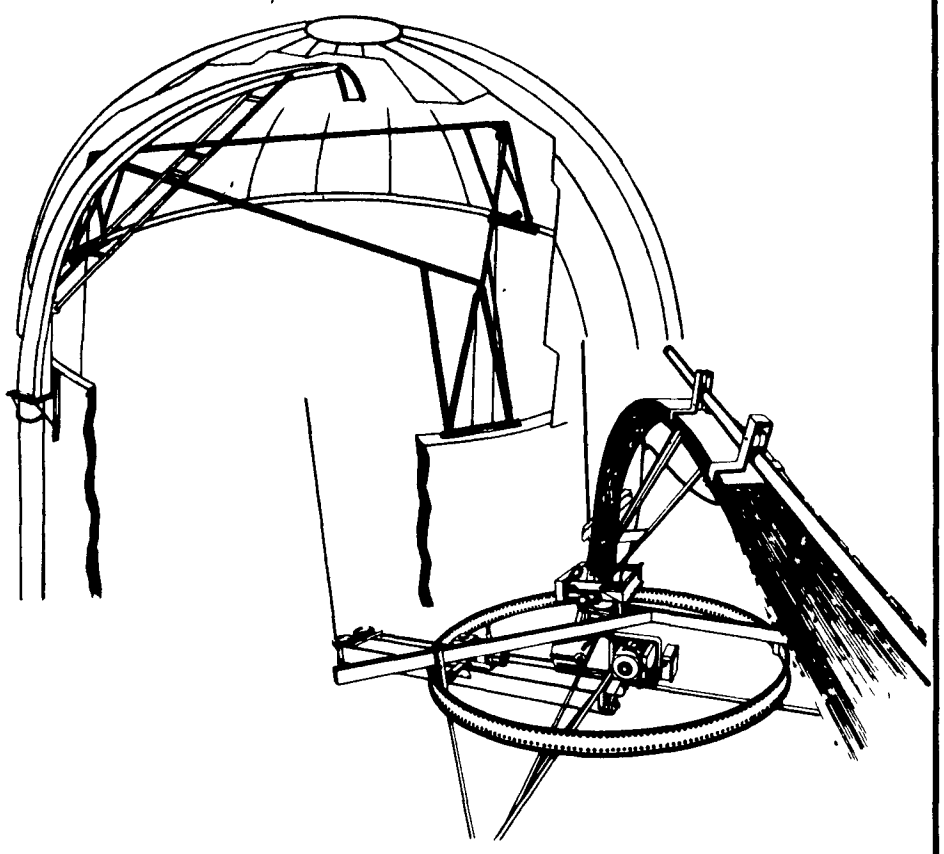

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Small cow units can winter in woodlots

UNIVERSITY PARK — Small groups of beef cattle, no more than six to an acre, can be sheltered and fed in farm woodlots over 70 days in midwinter without undue damage to trees, shrubs, and soil. That's the conclusion from four winters of grazing and sheltering beef cattle in one acre woodlands at Penn State.

The trials with mature beef brood cows began in early January and extended into early March, while soils were frozen. Each woodlot contained trees of poletimber size. Two fenced lots held six brood cows and two others held only two cows each. All lots were one-acre in size. For comparison, another group of six cows was wintered in an adjacent unsheltered open lot.

Browsing reduced the number of tree seedlings in woodlots containing six cows. In contrast, seedling trees and shrub stems were not much affected in woodlots with only two cows. Herbaceous vegetation, which flourishes in the summertime, was unaffected by the winter sheltering.

Soil compaction was not affected permanently by the cattle. There was some indication of soil compaction within the top four inches during the 70 day experiments. Measurements from one winter to the next, however, found the soils had returned to their natural density levels. The experiments were carried out by Lowell L. Wilson in animal science and Todd W. Bowersox in forest resources, College of Agriculture.

Of real concern were the permanent cattle trails in each fenced area and the compacted, muddy conditions around feeding and watering troughs. Wilson suggests this could be solved by feeding and watering the cattle in open, well-drained areas adjoining the woodlots.

"Many people assume that cattle will cause undue damage to woodlands. This is not true," Bowersox stated. "From our studies we observed that severe damage comes only when too many animals are kept for too long a time in woodlots."

Bowersox knows that foresters in the Northeast generally do not condone the sheltering and grazing of cattle in woodlands and forests. However, he said there are no studies supporting the assumption that woodlands will be damaged if the cattle have access to woodlands only during a few months in midwinter.

Grass-legume hay was fed to the Penn State beef cattle in sufficient amounts to maintain pregnant, non-milking cows according to National Research Council recommendations. Hay was fed in conventional rectangular-bale hay feeders once daily. Each group had access to a free-choice mineral mixture consisting of dicalcium phosphate and magnesium oxide, and a separate trace mineralized salt container. Water was available 25 feet from the hay feeding bunks and mineral supplements.

Over all four years, there was no significant difference between weight change of cows in the woodlots gained more weight than those wintered in the open, unwooded lots. There were also no differences in weight change between animals wintered at two cows per acre and those wintered at six cows per acre.

Charolais-Angus mature cows were used in 1976 and 1977. Straightbred Angus cows made up the studies in 1978 and 1979. Assisting on the project from animal science were Peter J. LeVan and Richard F. Todd.

Wilson agrees with studies elsewhere showing that supplemental feed energy is vital, as high quality hay or grain, when the "windchill" factor is low. For example, if the temperature is 0 Fahrenheit, and there is a 20-mile per hour wind, the wind-chill factor becomes -20F. This means, he said, that cows should be fed 52 percent more energy than if the temperature was 32F with little or no wind. Digestibility of feed energy also decreases about 1 percent per 10F fall in temperature, he added.

"Just remember," Wilson affirmed, "it takes a lot more feed and energy to replace cow condition lost due to poor nutrition or adverse weather than it takes to maintain cows in the proper condition. Supplementing feed energy is much better than letting cows take that needed extra survival energy from their bodies," he declared.

And he pointed out that farm woodlots account for about 20 percent of Pennsylvania's 17 million acres of forest land. If woodlots can be used for wintering cattle without degrading the woodlands, they can make additional contributions to farm income

Black cherry and grey dogwood were the two most abundant underbrush species eaten by the cattle. These two species accounted for about 74 percent of the total browse consumed. Groups of six cows consumed an average of 9 pounds of browse per animal during the 70 day woodlot sheltering. Two-cow groups consumed 13 pounds of woody browse per cow.

Poultry litter is valuable

NEWARK, Del. — Each year poultry operations on the Delmarva peninsula generate nearly 636,000 tons of broiler litter/manure worth more than $20 million. This manure has great potential for use in cropping systems, says University of Delaware extension environmental specialist J. Ross Harris, who considers these figures very conservative.

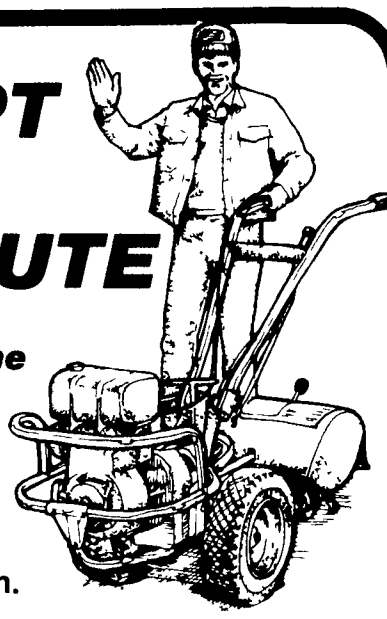
"All the manure on Delmarva is not readily available for crop production, but most of it could be used more efficiently and with greater economic benefit to farmers," Harris says.

The specialist will be one of the speakers at the upcoming Delmarva Corn and Soybean Technology Conference, Feb. 9, at the Wicomico Youth and Civic Center in Salisbury, Md. During his presentation on "Poultry Manure: A WAY TO GROW," Harris will discuss in detail management programs that can help most farmers with access to manure cut their production costs.

The day-long conference will begin at 8:30 a.m. and last until 3:45 p.m. Highlights of the event will include industry exhibits, a talk by American Farm Bureau president Robert Delano, other presentations on improved production practices and resource management, plus door prizes of more than a thousand dollars worth of tools.

The conference is being sponsored by Delmarva agribusiness industries and the Delaware, Maryland and Virginia Cooperative Extension services. Free lunch tickets are available from county agents and agribusiness representatives.

ACCEPT NO SUBSTITUTE



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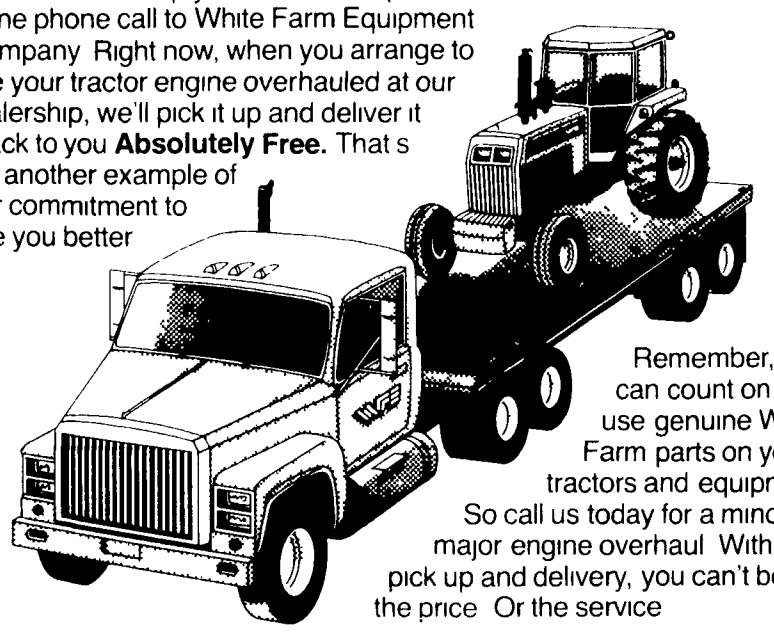

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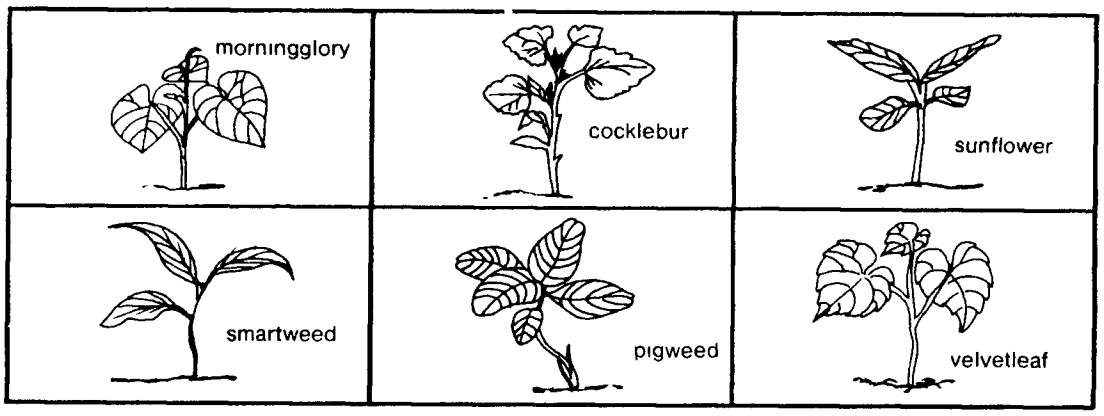
Berks County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

December Report

OWNER	BREED	NO. COWS	AVG DAYS IN MILK	AVG LBS. MILK	% FAT	LBS. FAT
Char&Tim Kissling	3	68	4	86	5	21,493	826
Rothrock Golden Hol	3	52	4	89	3	22,134	796
Plushanski Farms Inc	3	120	8	89	4	20,998	791
Heindel Farms Inc	3	29	0	87	3	19,142	758
Junge Farms	3	61	8	87	5	19,450	757
Bendy Brook Farm	3	47	5	85	2	20,797	746
Forrest C Stricker	B3	59	4	85	6	19,506	735
Ken&Robin Wolfskill	B3	44	5	86	8	19,864	729
Mark A Wolfskill	3	94	6	85	8	19,277	722
George S Troutman Jr	B3	67	4	90	1	19,125	717
Stephen J Janos	3	30	4	86	2	20,018	706
Donald B Duncan	B3	99	2	88	1	17,733	705
Robert E Kopfer	B3	47	4	89	6	18,925	701
Reu Hel Farms Inc	3	55	2	87	4	19,576	700
Mertz Brothers	B3	45	4	82	7	19,359	687
David L Schrack	B3	104	2	87	0	17,729	684
Leonard G Stoltzfus	3	60	7	87	9	19,505	681
Good Bros	B3	58	4	87	3	19,301	679
Zahncroft Farm	3	50	4	86	3	17,930	671
Martin Moyer	B3	50	8	84	9	17,239	667
Clarence B Kulp	3	68	1	87	4	18,166	665
Ralph&Ken Sanner	B3	75	7	86	7	18,604	661
Leroy E Howard	3	139	7	89	5	17,952	656
Mervin Brubaker	B3	69	4	86	8	18,183	652
Ronald Kelchnere	B3	61	9	83	9	18,298	649
Merlin J Grube	B3	43	3	86	3	16,604	647
Lawrence Kieffer	B3	71	8	86	7	18,248	640
Frank G Gromlich	3	63	0	90	1	16,886	638
George Schuler	3	55	9	86	8	17,660	638
Ernest O Miller	B3	194	0	86	3	17,454	636
Richard A Bleiler	B3	51	7	84	2	18,715	636
Daview Farm	3	60	7	84	6	17,601	635
Linden Loch Holstein	B3	59	2	88	7	17,665	635
Ray E Bicksler	3	46	8	86	8	16,461	632
Roger S Buch	3	47	8	83	0	17,764	630
Arlan Krick	B3	67	0	87	3	16,405	630
Andrew D Stoltzfus	B3	143	4	87	9	17,486	626
John H Stump	3	52	1	87	4	17,985	626
Glenn R Harnish	B3	98	0	88	7	17,521	626
Scattered Acres Inc	B3	152	5	84	6	17,043	625
William G Howerter	3	87	9	89	2	17,777	625
Red Fever Farm	B3	63	5	87	7	16,896	624
Whirlwind Acres	B3	91	8	87	9	17,096	624
Meadow Spring Farm	G3	39	9	83	1	16,987	622
George E Moyer	3	102	1	83	6	16,117	621
RR Troutman&Sons	3	122	7	85	1	16,657	620
Robert C Dreisbach	4	78	1	84	0	13,043	618
Vista Grande Farm	3	82	8	85	3	16,866	618
Heindel Farms Inc	1	25	6	85	1	14,816	617
Yost Brothers	B3	113	7	85	5	17,006	617
R Bernell Burkholder	B3	40	7	84	8	16,916	613
Tulpa Canal Farm	B8	36	4	87	6	17,100	612
Pinnacle View Dairy	B3	48	0	85	8	16,563	612
Paul B Martin	B3	58	6	83	2	18,567	612
Ranshar Farms	B3	55	8	83	9	16,796	610
William C Adams	3	90	3	89	2	15,408	610
Robert L Sattazahn	B3	102	0	90	7	16,823	608
Mat Mar Farms Inc	3	86	7	86	5	17,508	608
Ontelynn Acres	3	112	4	86	8	16,219	608
Harvy M Weaver	G3	50	2	83	7	16,190	606
FM Browns Sons Inc	B3	91	0	90	2	17,910	606
Raymond B Nolt	B3	81	8	86	2	16,579	606
Udder Valley Farm	B3	73	4	85	3	16,780	605
B&K Grimes	B3	129	0	88	2	15,268	603
Harold Fenstermaker	3	34	2	86	6	15,664	603
Daniel J Harnish	B3	93	2	84	0	15,920	603
Barry L Burkholder	B3	48	3	81	6	17,175	602
Glenn B Gockley	B3	45	1	86	5	16,826	602
Fred J Walters	B3	70	1	86	9	16,384	601
Show Top Farms	3	152	9	89	9	16,586	600
Ken&Debra Dietrich	B3	39	8	84	6	15,958	599
Arthur D Schlappich	B3	57	1	86	5	16,320	599
Tim Kleinsmith	B3	38	9	88	2	17,294	599
Swatara Dairy Farm	3	78	0	80	6	14,873	597
Tom Werley	B3	54	2	87	2	16,329	596
Ronald L Richard	3	51	5	85	3	17,851	595
Donald Burkholder	G3	93	7	86	3	16,398	589
Marlin J Stutzman	B3	58	4	86	6	16 147	588
Dana Stoudt	B3	14	3	78.4	16,400	588
Raymond A Seidel	3	34	5	87	6	16,670	587
Terry Kunkel	B3	40	0	84	7	16,899	586
E Daniel Leatherman	B3	67	7	85	8	15,932	586
Ker Min Farms	3	78	3	89	3	16,502	586
Way Har Farms	B3	106	9	87	4	15,730	586
David J Williams	B3	40	5	82	7	16,278	586
Ernest C Hoffman	3	55	7	89	4	15,692	583
Don Aloan	B3	44	9	82	5	15,646	582
David Y Knauer	B3	51	5	84	0	15,792	581
Lynn E Stoudt	B3	73	3	83	6	17,244	581
Clyde Loump	B3	57	2	86	4	15,768	580
Ridge Crest Farms	B3	50	6	83	5	16,069	579
Lynnacres	3	154	9	88	3	16,688	579
Wilmer Hurst	B8	51	3	83	0	14,539	577
Harvey C Krill Jr	B3	44	4	88	3	16,195	576
Alton Rohrbach	B3	49	3	87	9	16,021	576
William Mitchell	B3	31	3	87	5	16,075	576
Irvin G Weaver	B3	49	2	90	4	15,838	576
Charles D Moyer	B3	121	9	84	4	14,754	576
Teen Chal Farm	B3	112	5	87	8	15,704	575
Wilson M Balthaser	B3	71.4		85	1	15,571	573
Carl E Hollenbach	2	56	6	83	1	12,734	572
Win-Dale Farm	4	49	3	88.6		11,348	571
Charles W Lamm	B3	101	1	86	6	15,920	570
Clarence C Sattazah	B3	100	9	86	9	16,480	568
Retland Farm	3	50	9	86	7	17,041	567
Floyd Kurtz	3	49	5	84	1	16,125	567
Phillip Wisser	B3	29	3	88	0	15,960	567
Robert Yanos	G3	60	5	87	9	15,096	566
Hylark Farm	3	80	3	85	0	14,861	561
Richard W Hoppes	B3	62	2	88	4	16,187	561
Donald M Meyers	3	62	7	86	7	15,125	560
Herb Top Farms	B3	28	8	82	0	14,779	559
Elvin Brubaker	B3	38	2	86	8	15,143	556
Blue Mtn Academy	B3	119	2	87	4	16,903	556
Lewis Nolt	B8	58	2	83	2	15,347	555
Nathan Nolt	B3	55	0	81	5	14,795	555
Alfred E Schmidt	3	57	7	88.3		15,499	555
Gary Heffner	B3	39	8	80	6	14,992	554
RC&CE Wieder	B3	45	6	83	9	15,512	553
Richard H Hoffman	B5	34	9	84	4	13,706	553
Eleanor K Siegfried	3	93	5	89	2	14,675	552
Charles W Wagner	B3	49	0	89	3	15,535	551
Vernon G Good	B3	39	9	88	1	16,016	551
Kenneth Zook	B3	48	1	86	1	16,557	551
Phillip J Werley	B3	59	2	83	9	14,900	551
Pine Brook Farm	3	104	5	82	8	15,223	550
Leon Sensenig	B3	55	4	89	9	15,335	550

Pick the weeds in your corn you'd like to get rid of...



Then pick Banvel® herbicide... the Big Plus...to do the job.

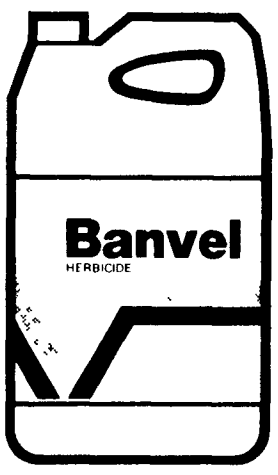
Pre-emergence: Banvel tank-mixed with *Lasso® to get broadleaf weeds along with grasses...ready and waiting when later weeds germinate.

Early layby (in corn up to five inches high): use Banvel at a one pint rate. Stop weeds before they've had a chance to develop. This Banvel overlay controls cocklebur, sunflower, annual morningglory, other troublemakers.

Post-emergence (corn up to 36 inches): Banvel herbicide controls the real problems—like smartweed, velvetleaf, bindweed, and seedling Canada thistle.

Before buying a less adaptable herbicide that may be short on performance, check out the Big Plus of Banvel...from Velsicol.

*Lasso® is a registered trademark of Monsanto Company The Lasso + Banvel tank mix is cleared for use in Colorado Illinois Indiana Iowa Kansas Kentucky Michigan Minnesota Missouri, Montana Nebraska New York North Dakota Ohio Pennsylvania South Dakota Utah and Wisconsin



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Put End O' Rat to work for you today!

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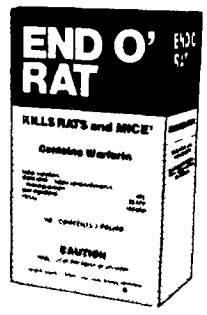

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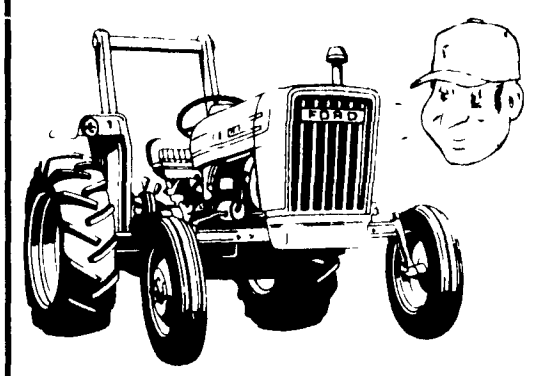

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BUSINESS NEWS...

Agway representative honored

Enos B. Heisey, right, manager, public-agricultural relations at Agway Inc., is honored by the National Vocational Agriculture Teachers Association at its Annual Convention in Anaheim, Cal. Carroll L. Shry, Jr. of Frederick, Md, NVATA vice president presents the "NVATA Outstanding Service Citation" for 1983. Heisey was cited for his distinguished service in the field of vocational and technical education in agriculture.

AVA honors Harvestore

ARLINGTON HEIGHTS, Il. — The American Vocational Association (AVA) presented its "award of merit" to A.O. Smith Harvestore Products, Inc. during the association's recent annual convention in Anaheim, Ca.

Carl K. Clayton, director of marketing staff services for Harvestore Products, accepted the award on behalf of the company which has supported the work of vocational students and teachers for more than 30 years.

The award honors groups, organizations or lay citizens who have made significant contributions toward the improvement, development and progress of vocational education.

Through its network of dealers throughout North America, Harvestore Products supplies an extensive array of educational films, slide presentations and literature on feed processing and handling, ration formulation and livestock waste management, all free of charge.

The National Vocational Agricultural Teachers Association recently presented its "outstanding service citation" to Harvestore Products for their service to farm youth and for the development of their "modern livestock production" teaching unit. Additional study aids produced each year for this unit now include two computer programs which were tested in five computer camp workshops for teachers in Iowa, by one-third of the vo-ag teachers in the state. The camps are characteristic of Harvestore Products' commitment to continually search out the most effective teaching methods to prepare rural youth for the future.

The company has given financial support to the FFA Foundation for 29 years and co-sponsors the National FFA Diversified Livestock Proficiency Award, with contributions annually in excess of $10,000. For 22 consecutive years, Harvestore Products has been a major sponsor of the National Vocational Agricultural Teachers Convention.

Computer feeding comes to stanchions

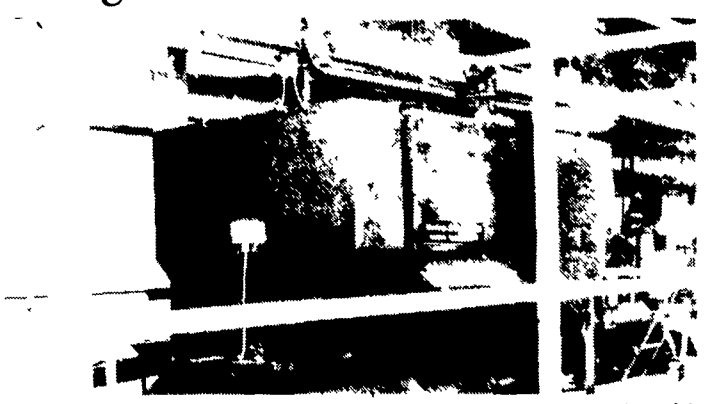
SCHILLER PARK, Il. — The all new Supreme Smart Feeder now brings the advantages of computer feeding to stanchion barns.

The smart feeder is a computer controlled feed cart which operates entirely automatically. Suspended from a monorail, it starts up automatically at up to six preset times each day and travels around the barn in front of the cows. When it comes to each cow, it stops and weighs out the ration of feed for that cow.

After dispensing the ration, the smart feeder sets off to the next cow and repeats the process until all the cows have been fed. It then automatically returns to its home position where it automatically plugs itself into a battery charger.

Individual cow rations may be for two (typically grain and protein) types of concentrate feeds. A third type is optional. Fixed rations may be used or the on-board computer will automatically adjust the dairy rations over time to follow the lactation curve.

The monorail is a standard 5" I-Beam. Manual or automatic switches can be included in the layout so the cart can follow complex patterns or travel between two barns. Home base can be located anywhere in the system so the cart can park itself out of the way, for example, in the feed room at a location where either manual or automatic filling is convenient. The Smart Feeder incorporates a reversable feed conveyor so rations can be dispensed on either side to handle heads-in or heads-out barn setups.



Automatic computerized feeding system for stanchion barns operates on a monorail.

Memory capacity is sufficient for 500 cows. The feed hopper can carry enough feed for 500 cows if feeding is 6 times a day. Capacity is therefore sufficient for the maximum expansion most farmers can foresee.

Battery operation isolates the system from power surges which can often affect computer setups. The life of the batteries is currently running at over 3 years without replacement.

DeKalb-Pfizer varieties score high

UNIVERSITY PARK — Three of the top five winners, including the champion, in the 1983 Pennsylvania Alfalfa Growers competition used Dekalb-Pfizer Genetics varieties.

According to Elmer Repschlaeger, Dekalb-Pfizer eastern regional sales manager, the showings, a first, a tie for third, and a fifth, were outstanding examples of the competition this program generates each year. There were more than 90 entries from across the state in 1983.

"This program is very strong and is copied by other states quite often," says Repschlaeger, of York. "What makes it so strong is that the winning entries are not judged solely on yield. Judging is based 40 percent on yield, 30 percent on crude protein content and 30 percent on total digestible nutrient value."

Repschlaeger credits the program with highlighting the importance of improving forage production in a state that emphasizes dairying. The program, sponsored by Penn State, is now in its seventh year.

Capturing championship honors with Dekalb-Pfizer 130 variety alfalfa were Don and Sherry Hoffer, Lebanon. Their entry yielded 9.2 tons per acre. In 1981, the family won eighth-place honors.

The Hoffers, whose family farm operation includes son Kent and daughter Kristen, entered a sample that produced 3,329 pounds of crude protein and 9,500 pounds of TDN.

In addition to 116 acres owned by the family, another 140 are rented each year for barley, wheat, corn and alfalfa production. Fifty acres were devoted to alfalfa in 1983.

Farming for 16 years, the Hoffers milk 42 head of registered Holsteins.

Don and Sherry are members of the Lebanon County Holstein Club and the Pennsylvania Farmers Association. Kent and Kristen undertake dairy-oriented projects through 4-H.

A ninth-generation farmer, Donald Bollinger, Newmanstown, manages Willow Maple farm with his father, Harold.

The Bollingers' entry tied for third, at eight tons per acre. Crude protein measured 3,266 pounds and TDN registered 8,896.

The father-son partnership includes 130 acres, of which 30 are used for alfalfa production. Their Dekalb-Pfizer 130 variety alfalfa is fed to 44 head of registered Holsteins.

Don and his wife, Rosene, have farmed 16 years. The family includes daughter, Angela and son, Steven. The Bollingers are members of the Pennsylvania Young Farmers Association.

More than 8.2 tons per acre were recorded for the fifth-place entry of Joe and Gladys Hartle, Bellefonte.

Farming 27 years, the couple and son, Tom farm 300 acres, including 120 acres of Dekalb-Pfizer 120 and 130 variety alfalfa.

Corn and small grains round out their production plans, with the majority of their crops used to feed 150 head of registered Holsteins, including 68 milk cows. Quality forage is credited by Joe as a major factor in the family's 21,400-pound milk average that registers a 799 butterfat content.

Competing every year in the program since its inception, the Hartles have finished as high as second and say the program provides good, friendly competition, as well as incentive to improve forage production on their farm.

PennAg speakers named

EPHRATA — Richard C. Keller, professor at Millersville State College, and Congressman Bob Walker will speak at PennAg Industries Association's 1984 Convention.

Keller is a History Professor and Department Chairman at Millersville State College. He has been actively involved in lobbying for many years and was a Congressional Candidate in 1962.

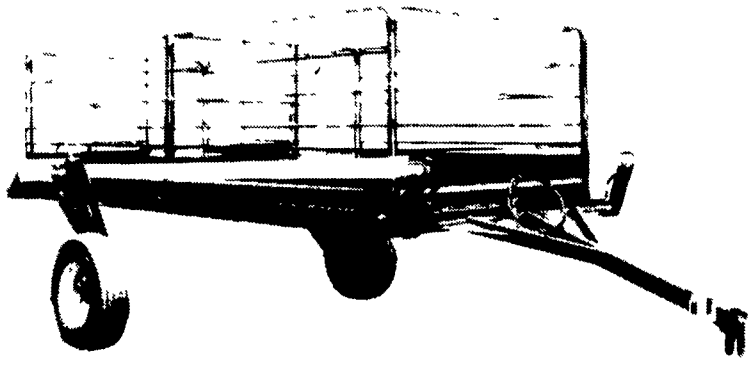
Congressman Walker has represented Pennsylvania's 16th District since 1976. Having served six years on the House Science and Technology Committee, Walker was a selected ranking member to the Subcommittee on Energy Research and Production and was appointed to the Subcommittee on Space Science and Applications. Additionally, he was a chosen ranking member of the Subcommittee on Intergovernmental Relations and Human Resources of the House Government Operations Committee.

Automatic cites livestock trailer

CHAMBERSBURG — According to Ryder Supply, Automatic's Livestock Trailer drops down to ground level so livestock can walk right in and then raises hydraulically to 28-inch height for transport. Optional high lift is available to raise to 54 inches for loading directly in trucks.

Heavy-duty construction throughout the safety steel plate deck is reinforced at the rear. Another feature is a one-inch square tube steel rack with slide-to-the-side loading gate. Exclusive lock-split axle prevents bowing and assures alignment and proper tow.

For further details contact the manufacturer, Automatic Equipment Mfg. Co., Department NR, Pender, Neb., or the distributor, Ryder Supply, Box 219, Chambersburg.



Livestock trailer from Automatic features easy adjustment from loading to transport.

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Morton cruise winners

Morton Buildings, Inc. 1983 Fair and Farm Show Cruise winners departed from Miami, Fla. and visited ports at St. Thomas, San Juan and Puerto Plata.

Pictured are the winners of the Caribbean Cruise from 32 different state fairs and farm shows.

Among East Coast winners are Becky Apostolos, Mansfield, Oh.; Gary Borkhuis, Macedon, N.Y.; Dean France, Bristol, Ct.; William Grewe, Botkins, Oh.; Steve Sheldon, Palmyra, N.Y.; and Patricia Wilkins, Saxton, Pa.

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BEACON PRE-SERVE PRODUCTS

GONE WITH THE WIND?

When leaves crumble and blow away, you're out protein and money.

Beacon Hay Pre-Serv can put an end to leaf shatter. Dryness can cause nutrients to blow away, disappear in the fields or on the wagon. That not only robs cows of the protein they need, it means you have to purchase more protein for your dairy ration.

With economical, easy-to-apply Hay Pre-Serv, you can cut at up to 25% moisture, and get less leaf shatter, more palatable hay, and 10% more of it! You can bale earlier in the day or later in the evening, and even on cloudy days when the hay is well above 18% moisture.

So start using Beacon Hay Pre-Serv and put an end to nutrients and proteins that are gone with the wind. Start saving today... see your Beacon Advisor or Beacon dealer.

ROBBED AGAIN?

Reduce shrinkage and energy loss with Beacon Silage Pre-Serv.*

Beacon Pre-Serv has a consistent formula of organic acids — natural aids to silage conversion — that encourage bacteria already present in the silage to produce excellent low heat fermentation of forages, so you get more hay crop silage for feeding.

University tests of Pre-Serv treated silage stored in a bunker silo achieve: 8.64% more dry matter, 9.3% more energy, and 6.3% more protein.

So don't be robbed of digestible nutrients — be rewarded with more milk from your cows! Use highly effective Beacon Pre-Serv... liquid or dry. It's another way to Bank on Beacon.

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Hess Mills opens in Unionville

UNIONVILLE — As of January 1, Hess Mills in Paradise, Lancaster County, has a sibling mill in Unionville, along Route 82 South in Chester County. This "new" mill actually has been in business for some time under another name: Good's Mill.

Good's Mill started out in the 1920's as a small feed mill in Embreeville. Later, as ownership changed hands, Good's Mill moved to Unionville and became a store/warehouse operation.

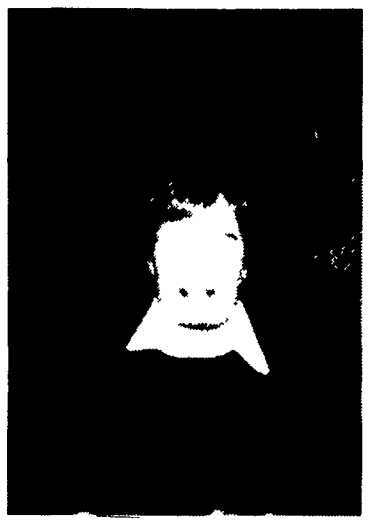
Time and change have their ways with all things, and Good's Mill at Unionville was no exception. The needs of Chester County were growing and diversifying rapidly; Good's Mill was challenged to meet those needs. To do just that, the merger with Hess Mills was arranged.

Now, Hess Mills, which has been serving the needs of Lancaster and Chester Counties for decades, has a physical presence in Chester County. Because of Hess Mills' additional location, the changes for Chester Countians, especially in Unionville, are many and for the better.

First, Hess Mills in Unionville is a full-service mill carrying a full line of all pet and animal feeds. Second, Hess Mills is a feed dealer for Ralston-Purina Company. So, Hess Mills whole product line is backed by Purina products' proven quality and guarantee of satisfaction. Chester Countians also can now choose from an excellent variety of domestic feed products ranging from swine and other farm animal products to horse and pet feeds. Third, the same services Lancaster and Chester Countians have come to expect and trust in Hess Mills for years are now available closer to home in Chester County. These services include: daily feed deliveries, access to expert dairy, poultry and swine consultants, and regular hours that ensure dependability of service.

The hours at Hess Mills in Unionville are Monday through Friday 8 a.m. to 5 p.m. and Saturday 8 a.m. to noon. And finally, because of Hess Mills' volume buying practices (and bulk servicing), the finished feed product can be marketed at a reasonable, very competitive cost to the consumer. Hess Mills cuts out the "middle man" by manufacturing/processing feed and distributing it directly to the consumer. Thus, the savings Hess Mills realizes are passed on to Hess Mills' customers.

The personnel at Hess Mills in Unionville are instrumental in meeting customer needs. Jody Murtagh, former owner/operator of Good's Mill, now serves as Hess Mills' farm consultant in Unionville. He has two full-time assistants: his son, Joe, and John Hess III. These men, while helping to better feed Chester Countians' horses and other pets, are also helping to keep farming operations in Chester County profitable. They do this by educating farmers about better feeding techniques and animal management methods. Supporting and maintaining the rural flair of Chester County is what Hess Mills in Unionville is all about.



John Hess III

Jody Murtagh

Joe Murtagh

Serving on the John Blue Company dealer group is Lawrence R. Clauss Jr., of Erb and Henry Equipment, Inc., New Berlinville.

Clauss gets John Blue post

NEW BERLINVILLE Lawrence R. Clauss, Jr., Vice President of Erb & Henry Equip., Inc., New Berlinville, has been invited by John Blue Company to serve as a member of their newly formed dealer group.

The group, known as the "Blue Board", is comprised of seven dealer members whose purpose will be to closely examine all John Blue products, manufacturing proceedures and service systems to make sure they meet or exceed the quality levels asked for by the consumer.

Upon passing the "Blue Board" examination, a circular shaped, "Blue Jay" Seal will be affixed to the product to show the consumer that it has been carefully tested and found to meet the highest quality standards possible in both construction and performance levels.

Research partnership formed

Philadelphia — Rohm and Haas Seeds Inc. and Coker's Pedigreed Seed Company announced today their intent to form a research partnership in soft red winter (SRW) wheat, soybean and oat breeding.

The research partnership will be headquartered in Hartsville, S.C., the site of Coker's main office. This arrangement will combine Coker's established varietal product lines, research and its 70 years of breeding experience with Rohm and Haas Seeds' established SRW wheat hybrids and its breeding and production technology.

As part of this transaction, Coker and Rohm and Haas Seeds will contribute product lines and other assets to the partnership. Rohm and Haas Seeds, under a license agreement, will acquire the production and marketing rights for the partnership hybrid and varieties. Rohm and Haas Seeds will also continue the "Two Great Names" production and marketing program set up by Coker.

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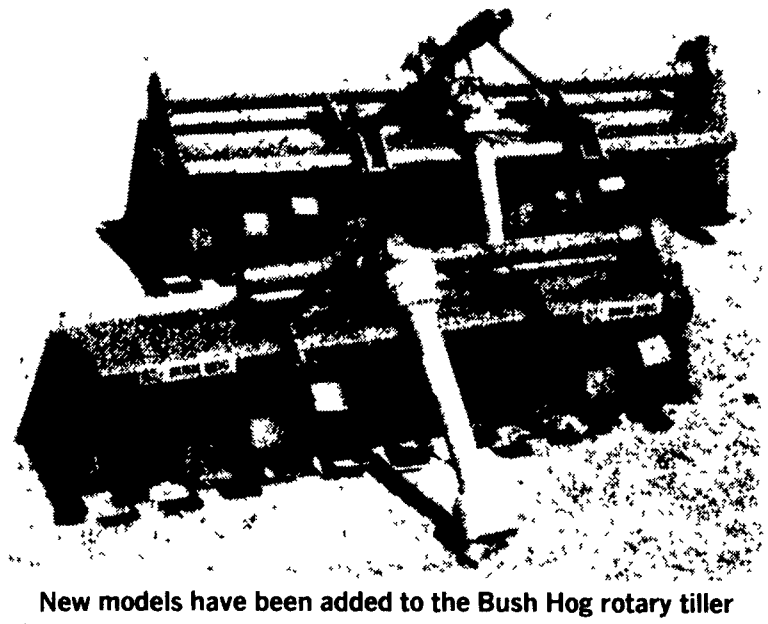


New models have been added to the Bush Hog rotary tiller line.

Bush Hog adds rotary tillers

CARLISLE — Bush Hog, Selma, Al., has announced the addition of three sizes of rotary tillers for 1984. These models will supplement the RTL model introduced in 1983. The RTL is available in widths from 32" thru 60" for tractors to 30 HP.

New models include: RTM for 30 - 50 HP; 52" and 60" widths; RTH for 40 - 70 HP, 60", 72", and 80"; RTX for 70 - 100 HP, 80", 88", and 96" widths. These new models feature all gear drive, Cat. 1 hitch and slip clutch as standard equipment. Depth of cut is adjustable to 8" with positive locking skid shoes.

Distributor named

EASTON, Md. — Distributors Processing, Inc. of Porterville, Cal. has announced the appointment of Papillon Agricultural Products, Inc., of Easton, Md. as distributor for Micro-Aid sarsaponin.

Papillon will be responsible for coordinating research and development projects as well as marketing Micro-Aid in 13 Northeastern states and Canada.

Micro-Aid is a biologically active, naturally occurring steroid.

An additional benefit of Micro-Aid is that it inhibits the breakdown of uric acid in manure, reducing significantly the production of atmospheric ammonia when animals are in total confinement.

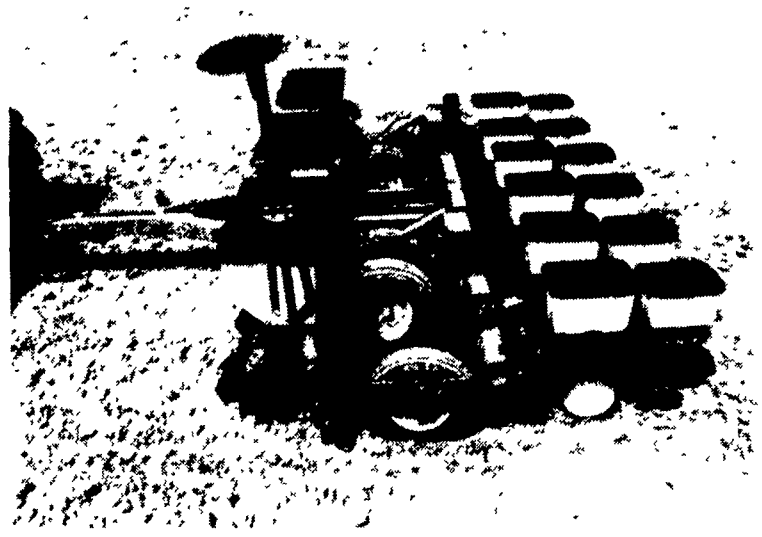
New Idea unveils planters

COLDWATER, Oh. — New Idea has announced plans to market a new line of single and double frame planters.

The double frame model consists of two 7-inch steel box beam tool bars that provide the weight and strength required to carry large volume fertilizer hoppers or tanks, conservation tillage tools and extra row units...all on the same machine and all for use at the same time. Available in 4, 6, and 8 row models, these planters feature dual vertically mounted transmissions that provide convenient control of population settings. The transmission will not interfere with the attachment of row spacings as narrow as 15 inches. Optional pusher row units provide row spacings as narrow as 7½ inches.

The new single frame models are available as fully mounted (3-point hitch) models and trailing planters in 4-row narrow, 4-row wide, 6-row narrow, 6-row wide and 8-row narrow sizes.

All of the new models feature Kinze plateless planting units for extremely accurate seed placement.



Double frame planter from New Idea features durable construction with two 7-inch steel box beam tool bars.

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Neth is promoted

OAKDALE — Best Feeds & Farm Supplies, Inc. has announced the promotion of Thomas A. Neth to National Sales Manager for the entire line of pet foods manufactured and marketed under the Joy label.

Neth, who has been with the company for six years as a sales representative in the Grocery Division, Grocery Key Account Executive, and Sales Director, will direct all sales personnel for both the Professional and Grocery Divisions.

He has a Bachelor of Science degree in animal husbandry with a minor in Pre-Vet from the College of Agriculture at Penn State.

Thomas A. Neth

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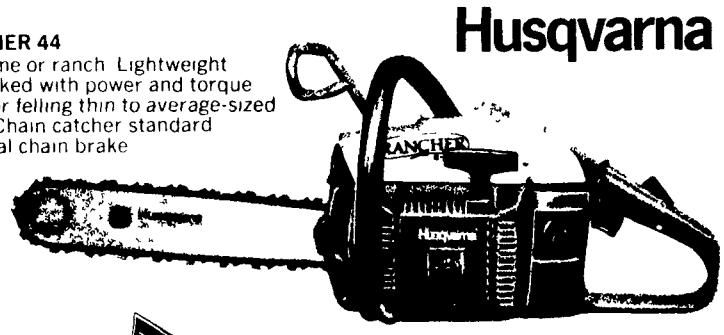

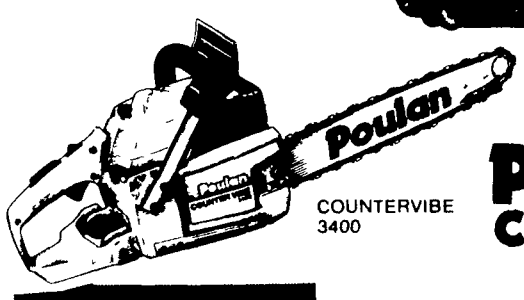

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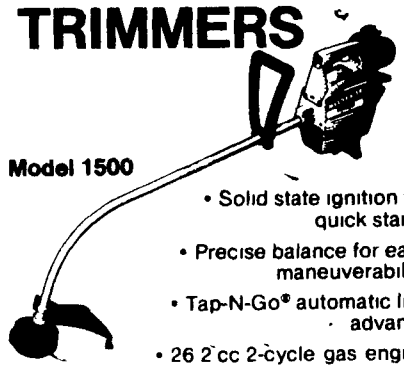

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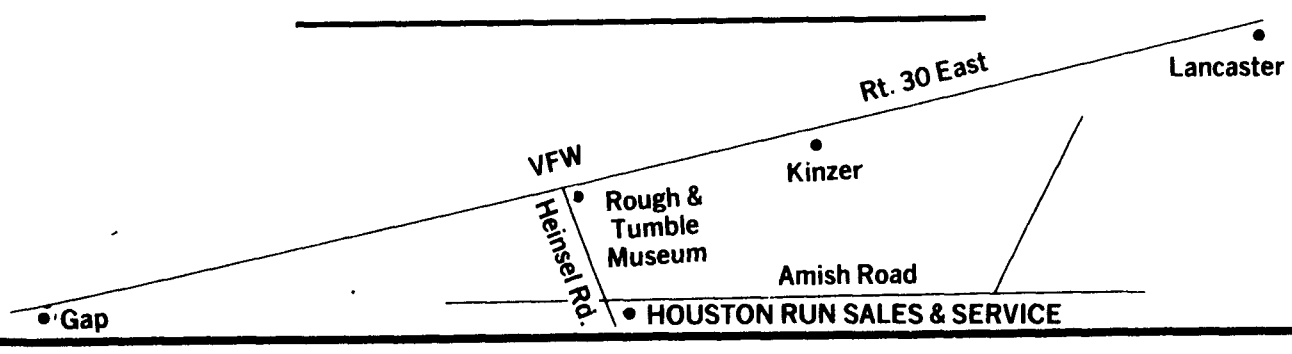

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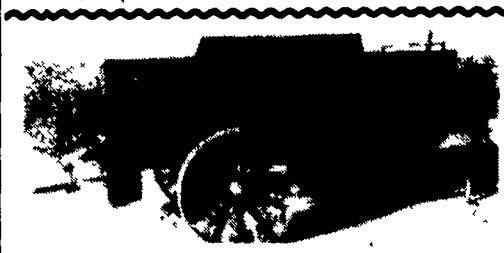

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Brockett's Ag Advice

By John E. Brockett
Farm Management Agent
Lewistown Extension Office

Tis That Time Again

What time? Why tax season of course. It is no wonder that February is the most depressing month of the year for farmers. The novelty of the first snow is long past. Hunting season stories are now stale. Football season is done. We're halfway between harvest and planting. Then on top of all of that, income tax reports are due. In fact some tax reports are due and you haven't even been able to get the forms. Now we're done with all the gripes and on to constructive ideas. O.K.?

Changes

There were not too many changes for farmers for 1983. However one is a biggy.

Investment Credit

The value of investment credit has been reduced. You will either use a lower rate (8% instead of 10%) or will reduce the depreciable base of the purchased item by 50% of the investment credit taken. You will have to make a decision on which to use. Using the full investment credit and a reduced depreciable base saves more taxes the first year. Using a reduced investment credit and a full depreciable base saves more taxes over a 5 year period if you are in a 30 percent tax bracket or higher. However the difference is really not great in either case. Your decision should be based on:

1. Do you already have a lot of investment credit carryover? (if so use the reduced credit idea).
2. Are you subject to the alternative minimum tax? (if so use the reduced credit idea.)
3. Is your marginal tax bracket below 30 percent? (if so I'd probably use the full credit approach). Is your marginal tax bracket between 30 and 40 percent? (if so look to other factors to make a decision). Is your marginal tax bracket over 40 percent and apt to stay over 40 percent in the next 4 years? (if so use the reduced credit idea).
4. Are you concerned with maximizing social security? (then use the full credit.)
5. Which side of the earned income credit picture are you on? (depreciation effects the credit you can claim by reducing or increasing earned income depending on how you use it - investment credit does not).
6. Are you at a higher level this year than in the past? (if so use full credit because income averaging may offset much of the tax savings gained from extra depreciation anyway).

Other Changes

1 Alternative minimum tax has been changed with a higher floor ($40,000) and one rate (20%). This one is good for the average farmer but harder on those selling a farm or a lot of dairy cows (could catch people selling a chunk of cows to participate in the milk diversion program).

2. Medical expense deduction floor was raised to 5% of adjusted gross income (from 1040). Affects those who itemize.

3. Partial reduction in marriage tax for 2 earner married couples has been increased to 10% of lower earning spouse's earned income. Watch out for this one because the eligible income must be reduced by any IRA taken out before the percentage is figured. This change is a good one for working couples (wages paid by a spouse to a spouse are not eligible).

Stehr gets ASCS post

POTTSVILLE — Terry L. Stehr, of Pitman, has been named Executive Director of the Schuylkill County Agricultural Stabilization and Conservation Office at Pottsville.

Stehr has a varied background being raised on a fruit, vegetable and poultry farm in the Pitman area. A graduate of Penn State, he has worked as a teacher with Schuylkill County's enrichment program for eight years and, after successfully completing the County Office Management Training Course, accepted the current position.

He is the son of Mr. and Mrs. Kenneth Stehr, Pitman, and resides in Pitman with his wife, the former Carol Neugard, and their two daughters, Angela and Anne.

Terry L. Stehr

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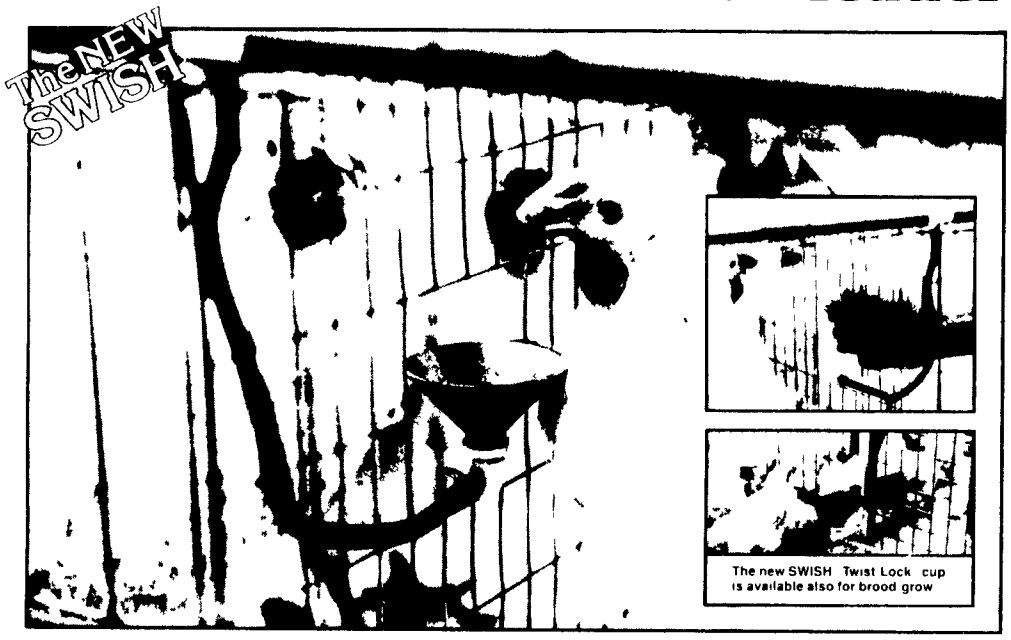

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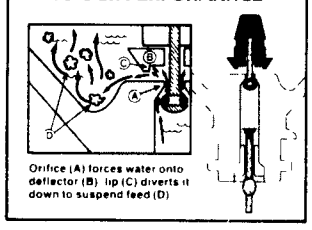

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Stick with proven weed controls

DeKALB, Il. — Despite real weed problems on some government PIK acres last year, most farmers should stay with control programs that have proven effective over the years. If weed infestation proves to be a problem after the crop has emerged, there is an effective post-emergence herbicide arsenal available that has improved the reliability of rescue treatment.

Look at the type of weed control achieved over the past several years. If this level of control is acceptable, don't make any major changes. If, however, weeds were out of control in 1983 give first consideration to the type of weed problem experienced.

If broadleaf weeds were the problem, consider planting those fields to corn in 1984. If grassy weeds were the problem, consider shifting to soybeans. Hotter chemicals or maximum labeled rates can be used if you don't have to be concerned about crop tolerance or the following year crop rotation.

If weed control is a problem, there are several alternatives to just increasing the chemical rate. Be selective about the type of herbicide used based on which weeds are a problem. post-emergence herbicides and some of the new 3-way tank mixes increase the spectrum of control with less risk of herbicide carryover affecting the following crop.

Farmers should also evaluate the number of crop cultivations, type of equipment used, and seed bed preparation as low cost weed control alternatives. Also consider delaying planting or planting problem fields last. With a planting delay, more weed seeds may germinate and be controlled at planting.

If the seedbed has considerable residue such as in minimum or no-till, remember that triazine herbicides tend to tie-up with the residue more than other chemicals. You will need to apply at the higher end of the recommended rate. Acetanilide (Lasso, Dual or Ramrod) herbicides tie-up with residue but are released with ¾ inch or more of rain.

Weed control will be more satisfactory if you also review application techniques. If there is significant crop residue, evaluate spray pressure, gallonage and nozzle type. Normal pressure of 25-30 psi may have to be increased to 30-40 psi to increase spray penetration through the residue cover. Increasing the spray volume will also help herbicide performance in minimum-or no-till situations. Consider 30 gallons per acre rather than the more common 20 gallon rates.

Finally, nozzle type and positioning greatly affect spray coverage. A flat fan or hollow cone type will give better penetration of crop residue than a horizontal spray pattern. Flood tips angled so the spray is aimed straight down will also increase penetration of residue. Adjustments will also have to be made in nozzle height and overlap patterns for better performance.

Zoning session on Tuesday

HONESDALE — An educational meeting on zoning will be held Tuesday at 8 p.m. in the Knights of Columbus Hall, Route 191, one mile south of Honesdale.

The speaker for the session will be Joseph Macialek, Community Development Agent, Penn State Extension Service. He will present a workshop type meeting to explain the concept of zoning and how it might benefit a community.

The meeting is being conducted by the Wayne County Cooperative Extension Service and all interested persons are welcome to attend.

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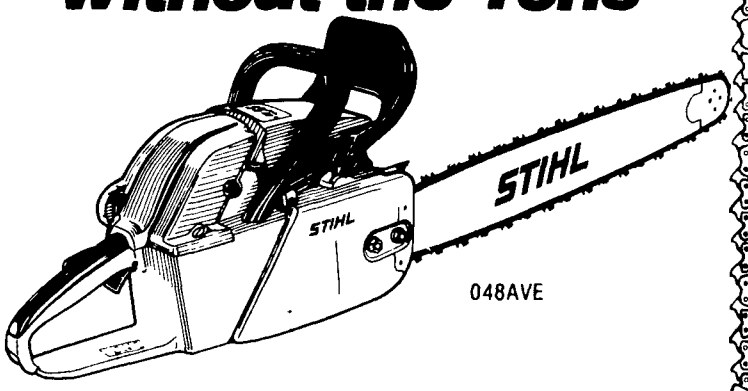

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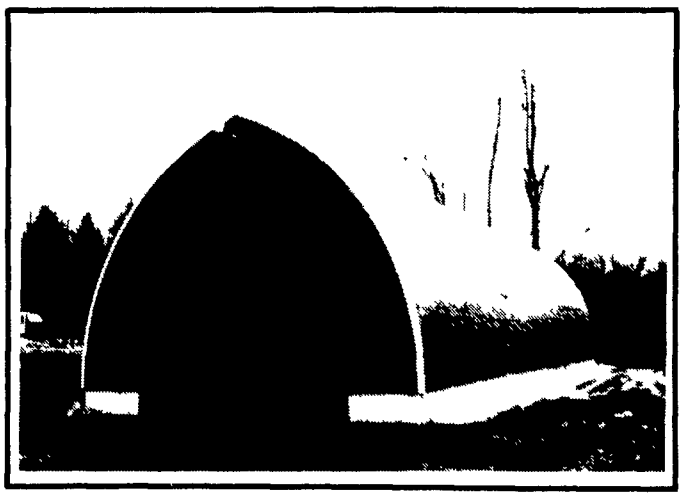

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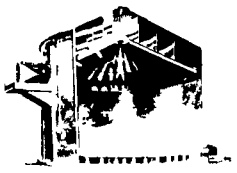

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Lancaster County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

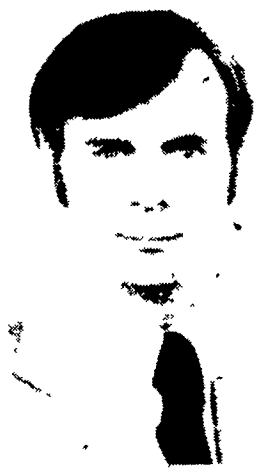
December, 1983

A registered Holstein cow owned by John P Lapp, 115 South Groffdale Road, Leola, completed the highest 305 day lactation Ruby produced 26,214 lbs of milk, 1,184 lbs of butterfat with a 4 5% test Second high lactation was completed by a registered Holstein cow owned by Ru Be Mar Farms, R #4, Ephrata #13 produced 26,701 lbs of milk, 1,113 lbs of butterfat with a 4 2% test in 305 days

First 305 Days of Lactation With 770 Or More Lbs. Of Butterfat

OWNER NAME OR NUMBER	BRD	AGE	DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
John P Lapp						
Ruby	RH	5-6	305	26,214	4 5	1184
Jane	RH	7-3	305	25,920	3 7	947
Christine	RH	3-3	305	24,776	3 4	830
Inka	RH	4-0	305	24,469	3 4	820
Tiby	RH	6-4	305	19,222	4 1	782
Ru Be Mar Farms						
13	RH	6-11	305	26,701	4 2	1113
61	RH	6 5	305	24,857	3 6	904
Emanuel S Smucker						
Cindy	RH	5 0	305	26,996	4 0	1084
Starlte	RH	8 10	305	21 120	4 3	912
Omar Smoker						
Starry	RH	4 6	305	23,093	4 7	1079
Daniel M King						
Norma	RH	7 9	305	27,810	3 8	1058
Joseph C Wivell						
Daffy	RH	7 1	305	24 989	4 2	1055
Daisy	RH	3 8	305	21 817	4 1	891
Eve	RH	9 5	305	19 764	4 1	818
Dorcas	RH	5 6	305	21 431	3 8	817
Ben S Stoltzfus						
Dianne	RH	8 7	305	26 988	3 9	1050
Hammer Creek Holsteins						
Deery	RH	6 4	305	25 837	4 0	1030
Robert Kauffman Jr						
Suzann	RH	4 3	305	24,666	4 2	1025
Ivy	RH	3 10	305	21,601	4 4	952
Flora	RH	4 4	305	21 331	4 2	891
Tamala	RH	5 3	305	23 627	3 6	859
Tiny	RH	3 3	305	21,667	3 7	802
Princess	RH	6-4	305	18,424	4 3	793
Bennie L Fisher						
Alona	GrH	6 10	305	26,314	3 9	1020
Nelson H Wenger						
Della	RH	11 3	305	23 443	4 3	1018
Robert Martin						
51	GrH	6 11	305	21,066	4 8	1007
Marbro Farm						
Georgi	RH	4 0	305	22,784	4 4	1000
Springarden Farm						
Clara	RH	6 1	305	29,127	3 4	997
Gail	RH	6-1	305	19,992	4 1	825
Martin H Good						
Mo	RH	6 5	305	26,385	3 7	987
E S Win Farms						
Willie	RH	4 0	305	23,442	4 2	986
Pequea Heights Farm						
Kitten	RH	8-0	305	23,518	4 2	983
Chris	GrH	3 5	305	27,046	3 3	886
Candy	GrH	5 7	305	22,469	3 8	847
Lenewood Farm						
Ava	RH	5 4	305	25,327	3 8	973
Apollo	RH	6 11	292	20,994	4 0	841
Daphne	RH	4 5	305	23,988	3 5	838
Lass	RH	4 2	305	19,767	4 2	832
Brandy	RH	3 3	305	21,060	3 7	772
Christian Zook						
Blackie	RH	2 11	305	29,370	3 3	972
Dove	RH	4-0	305	28,109	3 4	951
Sharon	RH	7 2	305	21,811	4 0	870
Reuben A Stoltzfus						
Ivanhoe	RH	3 11	305	21,699	4 5	972
Paul S Horning						
Cinday	GrH	6 2	305	25,153	3 8	960
Kerry & Deborah Boyd						
Frieda	R BR Sw	6 0	305	23,881	4 0	960
Nathan E Stoltzfus						
Jessica	RH	5 0	305	23,140	4 1	951
John Z Beiler						
Petunia	RH	4 1	305	25,913	3 7	950
Luke L Martin Jr						
Annetta	RH	3 10	305	26,369	3 6	945
Nelson W Nolt						
79	RH	4 3	305	26,315	3 6	937
59	RH	5 6	305	22,192	4 2	933
80	RH	4 3	305	21,645	3 7	799
Titus B Stoner						
Rochell	RH	5 6	305	23,061	4 1	935
Kenneth D Myer						
Rhoda	RH	4 5	305	23,028	4 0	932
Angela	RH	5 10	305	23 452	3 5	831
John K Peters						
Anita	GrH	6 3	305	24 904	3 7	929
John D Nissley						
Sherry	RH	3 6	305	25,517	3 6	925
Kreider's & Nickle						
153	RH	8 5	305	20,827	4 4	922
Samuel L Stoltzfus						
Barbie	GrH	9 11	305	18 347	5 0	921
Whitty	GrH	6 4	305	19,976	4 1	821
Paul V Nissley						
Rusty	RH	5 11	301	23 983	3 8	918
Adrian	RH	5 4	305	20,759	4 2	871
Alta	RH	4-2	305	20,299	3 9	794
Alison	RH	4 3	305	22,522	3 4	770
David B King						
Valery	RH	7 2	305	24,203	3 8	917
Homer G Hess						
Kay	GrH	4 7	305	24,191	3 8	914
J Harold Fritz						
23	GrH	9 0	305	23,547	3 9	909
Shellenberger Bros						
Loretta	RH	8 4	305	24,120	3 8	907
Danica	RH	4 4	305	20,737	4 1	846
Bev	RH	7 5	305	18,885	4 4	837
Darla	RH	9 4	305	26,944	3 0	798
Heidi	RH	4 3	305	21,446	3 7	787
Gerald Martin						
Blackie	RH	4 4	302	21,679	4 2	907
Walter M Hurst						
41	GrH	4 0	305	21,838	4 1	906
Robert Gochenaur Jr						
91	RH	3 0	305	24,886	3 6	899
49	RH	5-2	305	20,869	4 0	838
Vern Lee Holsteins						
Tidy	RH	5 5	292	22,538	4 0	899
Sugar	Rh	5 1	305	23,096	3 0	890
Star	RH	6-1	286	24,148	3 3	793
Benuel F Stoltzfus						
Ajax	GrH	4-11	305	26,003	3 5	898
Sue	GrH	4-7	305	25,856	3 1	806
Delmar & Susan Weaver						
Dorothy	RH	6 4	305	21,053	4 3	898
Jeffrey G DeLong						
40	RH	5-5	305	27,165	3 3	897
C Robert Greider						
151	GrH	5-3	305	19,870	4 5	896
255	RH	4-11	305	21,326	4 1	868
237	RH	5-1	305	19,431	4 4	848
Henry U Stoltzfus Jr						
Claudia	RH	4-5	305	29,353	3 0	894
Ken & Nelson Stoner						
16	RH	5 5	305	24,794	3 6	892
102	RH	6-10	305	23,644	3 5	821
Paul D Welk						
Dana	RH	6 9	305	19,124	4 7	892
Dee	RH	7 2	305	20,630	3 7	771
J Floyd Kreider						
41	RH	4 2	305	22,836	3 9	889
Wilmer G Kraybill						
Bonita	RH	4 3	305	20,599	4 3	889
Button	RH	5 6	305	18,610	4 1	770
Dale & Steve Hershey						
Mitsey	RH	4 5	305	24,422	3 6	888
Sue	RH	5 4	292	20,736	3 8	788
Tom & John Harnish						
Jackie	GrH	8 7	305	23,680	3 7	887
Daniel M Stoltzfus						
Vickie	RH	3 5	305	25,084	3 5	880
Marvin S Nolt						
35	RH	4 4	305	22,641	3 0	879
1	RH	5 2	305	21,291	3 8	810
50	RH	3 3	302	21,650	3 6	790
J Wade Groff						
Edith	RH	4 5	305	25,544	3 4	877
Delmar H Wenger						
Snow	RH	8 6	305	22,053	4 0	877
LeRoy S Weaver						
Mattie	GrH	7 2	305	25,807	3 4	876
Esther	GrH	5 2	305	22 729	3 7	830
Wendy	GrH	5 2	294	22 245	3 5	782
Log House Farm						
Blaksue	GrH	7 3	303	23,453	3 7	876
Glenn E Burkholder						
Christne	GrH	5 3	305	29 121	3 0	874
Phoebe	RH	5 8	305	24 480	3 6	871
Paula	RH	3 3	262	20,657	3 8	775
Middle Creek Farm						
Wyoma	RH	7 3	305	23,421	3 7	874
Elam K Stoltzfus						
Winter	RH	8 4	305	21,785	4 0	873
Proud	RH	9 3	305	22,692	3 5	796
Queen	Red H	7 1	305	21,635	3 6	778
Allen Lee Stoltzfus						
Phoebe	RH	3 3	305	20,765	4 2	873
JJ	RH	3 8	305	22,532	3 5	785
Jacob S Dienner						
Molly	RH	5 7	305	24 156	3 6	872
Della	RH	5 2	305	26,158	3 3	869
G M Weaver						
Drizzle	RH	4 6	305	24,934	3 5	868
Pearl	RH	4 7	305	26,129	3 0	784
J Clayton Charles						
Eva	RH	5 11	305	26,513	3 3	864
Ephraim D Riehl Jr						
Echo	RH	8 2	305	20,641	4 1	861
Pet	RH	5 2	305	21,559	3 7	796
Clyde W Martin						
Honey	RH	3 3	305	25,550	3 4	860
Robert H Kauffman						
Betsy	RH	5 4	299	21,312	4 0	860
Penelope	RH	6 8	305	20,548	4 0	812
Harold L Weiler						
Candy	RH	5 3	305	24,503	3 5	855
LeRoy S Smucker & Son						
Kate	RH	9 11	305	21 633	3 9	854
Richard G Wenger						
Krista	RBrSw	7 7	305	20,785	4 1	853
Pearl	RBrSw	4 4	305	20,124	4 0	800
Lucy	RBrSw	10 5	305	20,524	3 9	799
Rocky	RBrSw	5 10	305	16 852	4 7	784
Richard N Sauder						
Patty	RH	3 5	305	18,689	4 6	853
Sylvia	RH	4 6	275	21 189	3 6	771
Danda Farms						
Becky	RH	3 9	305	21 772	3 9	849
Beacon	RH	3 9	305	20,762	3 8	788
Twin Oak Farms						
280	GrH	6 0	303	18,723	4 5	849
Pequea Meadows Farm						
188 kely	RH	3 8	305	21,483	3 9	848
Galen W Crouse						
Aledel	RH	4 4	305	19,610	4 3	848
Welsh Vista Farms						
Clara	RH	4 10	305	25,443	3 3	847
J E & Shirley Hershey						
Delores	RH	6 5	305	24,297	3 5	847
Vanity	RH	3 2	302	18,830	4 4	833
Elsa	RH	3 0	305	22,871	3 4	780
Paul H Martin						
Freda	RH	4 0	305	22,185	3 8	846
Bloom	RH	3 1	305	20,186	3 9	780
Jenny	RH	2 11	292	23 125	3 4	777
J Richard Snavely						
Cinna 45	RH	6 9	305	18 455	4 6	846
Brubacher & Martin						
5	RH	5 5	305	24,733	3 4	842
James M Harnish						
Dolly	RH	5 0	305	23,819	3 5	842
Albert E Fry						
Buckie	RH	5 2	305	22,813	3 7	842
Noah Kreider & Sons						
758	GrH	3 7	305	19,114	4 4	837
578A	GrH	6-3	305	21,820	3 8	824
639	GrH	5 6	305	21,475	3 8	822
H Landis Weaver						
Elneda	RH	7 10	305	22,359	3 7	835
Babe	RH	7 5	305	19,945	4 1	826
Levi S Stoltzfus						
Melda	RH	5 9	305	19,904	4 2	832
El Dell Farm						
Miss	GrH	4 8	305	19,114	4 3	831
Calvin D Beiler						
Faye	RH	3 7	305	26,128	3 2	830
John Omar Stoltzfus						
Susan	RH	9 11	305	20,947	4 0	830
Long Acres Farm						
64	H		304	19,028	4 4	830
Glenn F Shenk						
Shell	GrH	7 5	305	22,216	3 7	829
Farrah	GrH	5 4	305	21,341	3 8	811
Curvin W Nolt						
51	RH	5 3	305	24,923	3 3	828
60	RH	5-2	305	27,041	2 9	788
7	RH	4 6	305	24,512	3 2	785
Cedar Fringed Farm						
Maglyn	RG	5-6	303	15,726	5 3	828
Clifford & Joyce Blank						
Rosene	RH	8-3	305	22,281	3 7	827
Garwood Farm						
Emma	RH	8 0	305	23,547	3 5	825
Al Mar Farm						
Bonnie	RH	5 2	305	20,622	4 0	825
John Allen Wenger						
17	GrH	6-5	305	19,291	4 3	825
Sameul M Martin Jr						
30	GrH	3-8	305	22,901	3 6	824
Speckle	GrH	6-7	305	21,470	3 8	823
36	GrH	3-6	305	22,167	3 6	801
Della	GrH	7 6	305	22,601	3 5	797
Carl Weidler						
27	RH	5-0	305	22,796	3 6	823
Aaron R Stoltzfoos						
Dianna	RH	4-4	305	22,355	3 7	820
Aaron B Lantz						
Pansy	RH	4 3	305	21,241	3 9	820
Naaman W Stoltzfus						
Maggie	RH	5 10	305	20,163	4 1	820
J M Stoltzfoos						
Sunshine	RH	4 4	305	19,471	4 2	818
Norman B Rutt Son						
105	GrH	5-9	305	25,235	3 2	817
Luke Ray Zimmerman						
37	GrH	8 1	305	18,150	4 5	817
Kenneth E Zurin						
41	RH	3 1	305	17,786	4 6	817
Gusty Crest Farm						
Jan	GrH	4 9	305	21,204	3 8	815
Ivan S Stoltzfus						
Bev	Rh	3 3	305	25,277	3 2	814
David W Sweigart						
194	RH	6 2	305	21,690	3 7	810
129	GrH	6 2	305	20 750	3 7	776
Joseph W Best & Sons						
31	GrH	3 11	305	20,938	3 9	810
101	GrH	8 5	305	21,063	3 8	808
Jonas E Stoltzfus						
Debbie	RH	5 4	299	25 734	3 1	809
Abram M Stoltzfus						
Hazel	GrH	6 11	305	22 782	3 6	809
Kim	GrH	3 4	305	18 558	4 3	799
J Robert Kindig						
Lizzie	RH	4 2	305	20 195	4 0	809
Earl N Landis						
Wimper	RH	3 6	305	16,009	5 0	808
Adell	RH	4 3	305	23,773	3 4	801
Indian View Farm						
Luella	RH	5 3	305	25,504	3 2	807
Leser M Weaver #1						
64B	RH	5 8	305	22,409	3 6	807
Dale W Peifer						
Molly	RH	6 3	305	22 739	3 5	806
Loren L Zimmerman						
Helen	RH	2-7	305	17,772	4 5	806
Raymond H Good						
28	GrH	5 0	305	21,015	3 8	805
Henry S Lapp						
31	RH	4 0	305	18,628	4 3	805
Raymond K Burkholder						
36	GrH	6 11	305	17,251	4 7	805
Meadow Vista Farm						
Ruby	RH	4 2	305	22,103	3 6	804
Nelson R Habecker						
25	RH	10 6	305	21,342	3 8	803
Amos S Smoker						
Mariann	RH	5 1	305	22,957	3 5	800
Weaver Homstead Farm						
43	GrH	4 6	305	22,922	3 5	799
Vernon R Umble & Son						
Dana	RH	4 10	305	23,897	3 3	798
Rocky Noll Farm						
38	GrH	6 7	305	20 092	4 0	798
Spring Lawn Farm						
40	RH	6 7	305	19,846	4 0	798
102	RH	3 9	305	25 722	3 0	781
Paul H & Marvin Herr						
Joann	RJ	9 7	305	15,729	5 1	798
Samuel E Beiler						
Louise	RH	1 11	305	19,878	4 0	797
David E Zimmerman						
172	GrH	6 6	305	19,181	4 2	797
33	GrH	4 0	305	19,070	4 1	781
Stephen F Stoltzfus						
Horny 23	GrH	9 8	277	17,558	4 5	797
Flame 52	RH	7 4	288	21,122	3 7	787
Amos B Lantz						
Pride	RH	8 0	305	22,951	3 5	796
Jacob R Glick						
Betty	RH	5 4	305	23,088	3 4	795
C Victor Groff						
18	GrH	8 2	305	21 074	3 8	795
Singing Maple Farms						
17	RH	6 11	305	23,783	3 3	793
Kenneth L Beiler						
Abbey	RH	5 11	305	23,242	3 4	793
Harry H Ranck Jr						
Ginger	RH	5 10	305	21 529	3 7	792
Ella	Rh	4 3	305	21 961	3 6	782
Sandy Hollow Farm						
Bonnie	RH	6 0	305	18,768	4 2	792
May	GrH	8 5	305	22,610	3 4	775
Donald B Trimble						
37	RH	4 2	300	16,988	4 7	792

(Turn to Page D13)



Dairy Pipeline

By
Glenn A. Shirk

Extension
Dairy
Agent

CMT, WMT, SCC_2 Mastitis And You

In the dairy business, we are exposed to a lot of numbers, and they can be rather confusing. For example, we may get WMT scores, DMSCC or leukocyte counts from our milk plant. DHIA may provide you with SCC_2 codes, and your veterinarian may be encouraging you to take some CMT readings on your cows.

When you see all these figures, do you know what they mean? Do you know how much high cell counts are affecting you? Do you know what levels are acceptable and what levels are unacceptable - by you, for your own good, and by your sanitarian. Do you know what actions to take when the levels are unacceptable?

By studying the table you can get a rough idea of how all these tests relate to each other, and how they correlate to somatic cell count levels. These cell count levels will be very similar to the DMSCC levels and the leukocyte counts you get from the milk plant. Essentially, they mean the same thing.

What levels are acceptable and unacceptable? If you want to be guaranteed a visit from your friendly sanitarian, just let your

(Turn to Page D14)

I WMT And Estimated Results and Imparts

CMT	WMT	DHIA	Somatic Cell Leukocyte or DMSCC (cells ml milk)	Infected Quarters (%)	Lost Production per cow per day (lbs)	Lost Production (at $11.00/cwt.) 1 Day ($)	Lost Production (at $11.00/cwt.) 305 Days ($)	Cost of Culling Dumped Milk Treatment etc ($)	Total per Cow per Year ($)
Neg	1 to 4	1	13,000						
		2	25,000						
		3	50,000						
		4	100,000		1.5	20	61	26	87
Trace or 1	5	5	200,000	6	3.0	39	119	51	170
	10	6	400,000	10	4.5	59	180	77	257
1 - 2	18	7	800,000	24	6.0	78	238	102	340
2	28	8	1,600,000	48	7.5	98	299	128	427
2+	30+	9	2,261,000+		9.0	1.17	357	153	510

dhia
Pennsylvania Dairy Herd Improvement Association

Lancaster County DHIA Monthly Report

(Continued from Page D12)

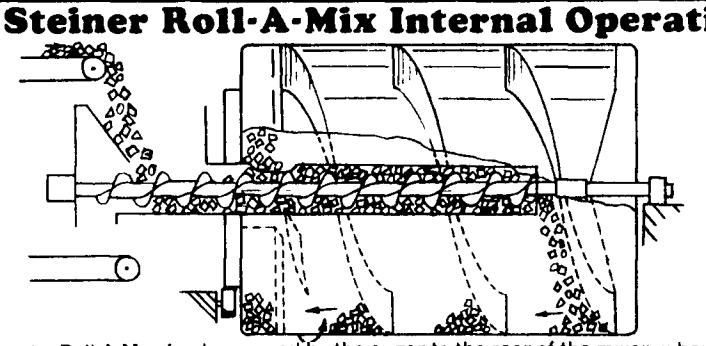
Weaver & Burkholder 75	GrH	3-10	281	19,191	4 1	791
K D & Else Linde Patricia	RG	7 11	305	15,012	5 3	790
Samuel F Long Amy 11	RH	6-1	305	24,367	3 2	789
Lloyd K Wise Jenny	GrH	4 4	305	19,072	4 1	789
Kevin S Smoker Julie	RH	4-7	305	21,723	3 6	788
Andrew G Miller Amy 2	RH	4-3	305	17,384	4 5	788
Robert G Hershberger 82	RH	6 6	266	20,877	3 8	787
John J Landis Beam	RH	5-6	299	21,714	3 6	784
Paul M Fahnestock 62	RH	5 5	305	24,580	3 2	783
Earl R Martin 45	GrH	4-4	293	18,139	4 3	783
Edgefield Farms Maid	RH	5-9	305	22,561	3 5	782
D Lamar Witmer Justy	RH	6 1	305	22,133	3 5	782
Warren F Bollinger 6	RH	3-5	305	20,853	3 8	782
S &A Kreider & Sons 133	GrH	5-7	291	22,343	3 5	781
Henry Fisher & Amos Diane	GrH	7-8	305	21,059	3 7	781
John H Howard Crystal	RH	3 5	305	23,802	3 3	780
Thomas C Lapp Jenny 97	RH	3-9	305	17,765	4 4	780
Paul W Zimmerman 15	GrH	5 8	305	27,112	2 9	779
Joel L Hoover Dorcas	GrH	8 2	331	22,833	3 4	779
John W. Zimmerman Amy 6	RH	5-1	305	25,100	3 1	778
David S Stotzfus Sandy	GrH		286	22,648	3 4	778
Hickory Grove Farm Lent	RH	5-10	305	18,992	4 1	778
Amos W Breneman Charmer	GrH	3-2	305	16,234	4 8	778
Donald B Miller Harm 19	RH	4-5	305	19,220	4 0	776
Rohrer Brothers Reba	RH	7-5	305	22,076	3 5	775
Aaron E Allgyer Connie	GrH	4-4	288	18,853	4 1	774
Donald R Bare 12	RH	8-2	305	21,168	3 7	773
Sun Crest Farms Kate 2	RH	7 7	305	19,544	4 0	772
Floyd Kreider & Son 74	RH	3-2	305	20,698	3 7	771
Quarryville Presbyterian Home & Melvin Rohrer 278	GrH	4-5	289	20,685	3 7	771
Dal Car Farm 82-156	GrH	6-7	305	23,341	3 3	770
Robert & Joyce Wagner Mandy	RG	4 1	305	15,182	5 1	770
Benuel Z Lapp Laverne	RH	6 4	305	24,213	3 7	904
J Wilmer Conrad Dusty	RH	5-2	297	21,392	4 2	901
Charm	RH	8-3	305	24,639	3 4	844

A TOTALLY MIXED RATION with ROLL A MIX by STEINER

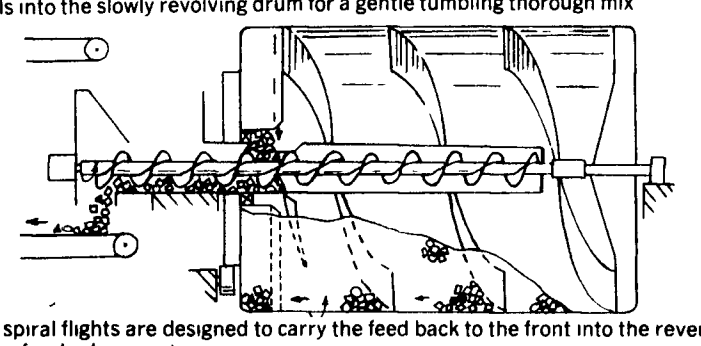
SILAGE, GRAIN & HAYLAGE
Mixing Specialists

- Lower power requirements
- Tumble action eliminates the high resistance of conventional auger mixing
- Fast 1-3 minutes mix time
- Gentle on feed
- Rugged construction
- Fewer moving parts
- 180° discharge access
- Versatile enough to meet most mixing needs
- Center auger loads and unloads mixer
- Revolving drum gently tumbles feed
- No overmixing
- Proven on the farm

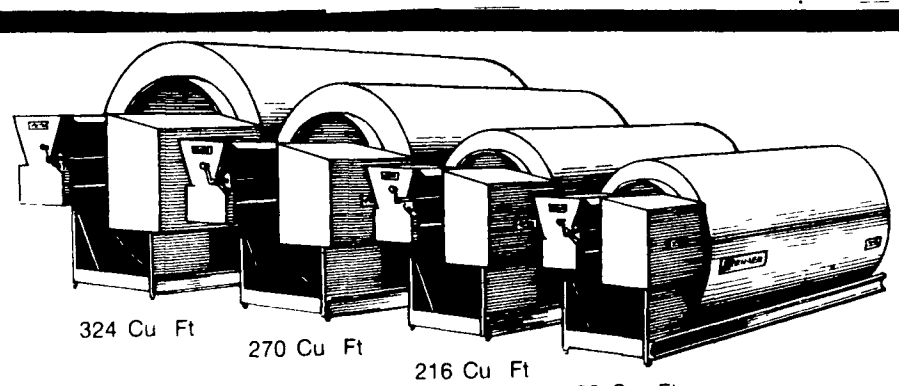
The Steiner Roll-A-Mix Internal Operation



In filling the Roll-A Mix, feed is carried by the auger to the rear of the mixer, where it falls into the slowly revolving drum for a gentle tumbling thorough mix



The spiral flights are designed to carry the feed back to the front into the reversed auger for discharge into your conveyor



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Dairy Pipeline

(Continued from Page D13)

cell counts creep up to 1.5 million. But, that's a costly invitation! If you look at the table, you'll see that you may be losing 7.5 lbs. of milk per cow per day! That's almost $1.00 per day per cow in lost production - and that's only about 70 percent of the cost. It's a cost you never see - just feel. The cost of treatment, culturing, discarding milk from treated cows and culling infected cows may represent 30 percent of the total costs. These are the costs you see.

Well then, what is an acceptable level - 500,000? Years ago we would have been fairly satisfied with that. However, recent research indicates that we should be aiming for much lower levels. Look at the table again. Notice that you start losing about 1.5 lbs. of milk per cow per day at about 100,000 cell count. Every ntime your cell count doubles, you lose another 1.5 lbs.! (These losses are also printed on the back of your DHIA Herd Summary Sheet.) Use the figures in the table to help you establish levels (goals) that are acceptable for you.

The Big Gainers

Notice too, when you reduce a 1,600,000 cell count by 800,000, down to the 800,000 level, you may eventually increase production only by about 1.5 lbs. per cow per day. Compare this gain to the really big gains you make when you reduce cell counts at the lower levels! For example, if you drop another 800,000 count, from an 800,000 level down to less than 100,000, you pick up six additional pounds of milk. That's four times as much gain as made previously. In other words if you're at the 1 to 1.5 million level and drop to 500-800,000 level, keep going; the best is yet to come!

When it comes to recovering lost production, don't expect miraculous, overnight results. Depending upon the degree and type of infection, there may have been considerable damage done to secretory tissue in the udder. In milder cases, healthy secretory cells in the udder may be able to work harder to compensate for some of the damaged cells, and production may improve, even during the current lactation. In more severe cases, production may not respond much until the next lactation, because many of the damaged secretory cells will not be repaired until the dry period. Some of the more severely damaged cells may never be fully repaired, and that portion of production potential will be lost forever.

The return to money and effort you put in to treating and preventing mastitis is good, but don't expect a quick return. The first year, you might not see much profit from your efforts. The biggest response will be a year later, after most of the cows have gone through a dry period. So, be persistent. To many dairymen give up just about the time they're ready to start reaping the benefits; then the next time, they have to start all over again.

The DHIA SCC_2 codes are a valuable guide for giving you a clue that something is wrong in your herd. They can help you spot trends. For example, rising herd-average cell counts (or tank counts) may indicate that: inflations need changing, the regulator is dirty or needs servicing, lines and air inlets are plugged, the pump is showing wear, the milking system is developing leaks, milking techniques are getting sloppy, sanitation in the barn and lots or at milking time is deteriorating, stray voltage is present, lots are getting muddy, etc.

High cell counts in individual cows soon after may indicate a need for: more sanitary maternity areas, more effective dry cow treatment, etc. If heifers come fresh with high cell counts, it may indicate they have been sucked. If heifer cell counts are good at calving time, but start rising soon after they enter the milking string, it may be a sign that you need to sharpen your milking techniques to reduce spread of infections at milking time, or a need to improve conditions around the barn to minimize the risk of infections.

What To Do

If you are serious about correcting mastitis problems be prepared to do a complete job - and to be persistent. You'll discover that you'll have to do a lot of things properly, and all the same time, and for a long time.

Be sure to consult your veterinarian to have him help develop a mastitis prevention and treatment program for you. Also rely upon the experiences of a competent milking machine serviceman. And, don't forget to do your part, maintaining the equipment, using proper milking techniques, being clean and sanitary, keeping the herd healthy and providing them with a healthy environment. Treatment and prevention go hand-in-hand. Neither is much good without the other.

If you have a 1,600,000 cell count, almost half of the quarters in your herd may be infected, probably with a lot of Strep ag and some Staph aureus. See the table. This could involve 90 percent of your cows. You've got a serious and costly problem. Many of these quarters will be subclinical, and show no symptoms.

If these are Strep ag and Staph aureus infections, these non-clinical quarters are "seeds" for spreading infection to other cows at milking time. Strep ag lives only in the udder. Staph aureus can survive in the udder, in udder tissue, and outside the udder. Both are spread from cow to cow at milking time.

At these real high levels, it would probably pay you to blitz treat the entire herd - all quarters - for several milkings (send the milk truck driver away for a few days vacation). Strep ag can easily be eradicated from the herd, and this is a serious attempt to do just that; you don't want to leave a single infected quarter behind that will start reinfecting the herd again with this same organism.

Be sure to follow up with teat dipping dry cow treatment, and sanitation at milking time. You may have to use the CMT paddle, and do some culturing and antibiotic sensitivity testing to locate, diagnose and effectively treat subsequent infections. And, be careful you don't bring new infections into the herd with new cows brought into the herd.

The SCC_2 codes are not intended to be used as a guide for treating infected cows. As I indicated earlier, they are a clue as to what is going on in the herd, and within individual cows.

At lower SCC_2 levels, blitz treatments may not be justified. You may need to rely upon treating clinical cases, upon using the CMT paddle on high SCC cows to locate problem quarters, upon culturing to identify the infecting organisms, and upon sensitivity testing to determine treatments of choice. Consult your veterinarian for his advice.

As mentioned earlier, Strep ag and Staph aureus can easily be spread at milking time. That's why milking sanitation is so critical. This involves: using a sanitizer in the udder wash solution, using individual cow towels, milking infected cows last, preventing "squeaking" inflations and air leaks around the teat and inflation, and teat dipping. Dry treating is also recommended.

Strep ag can be eradicated by treatment, but you have to prevent reinfection. That's the reason for all the precautions mentioned above. Staph aureus, on the other hand, does not respond as well to treatment, especially during lactation. This organism can actually invade udder tissue, making it harder to control. You'll probably have greater success if you can identify it in its early stages of infection and treat it before it becomes deeply established. Staph infected cows that fail to respond to dry treatments are good candidates for culling; you don't want them to become the seed for spreading this harder-to-control organism to other cows. Where possible, isolati staph-infected cows from other cows, and milk them last.

We're seeing more and more environmental organisms, namely Strep Non-ags and a variety of coliforms. These can never be completely eradicated. They are ever present in the environment, and they vary in their response to treatment. Our challenge then, is to keep the population of these organisms in the cows' environment at the lowest possible level, and to protect cows from what is present. To help up accomplish the job at hand, we need to appreciate that in order to thrive, these environmental organisms need: warmth, moisture and filth.

To reduce environmental infections, we need to focus on cleanliness and sanitation - everywhere! Keep stall beds dry and clean. If necessary, replace sawdust bedding with sand, chopped straw, etc. Scrape alleys frequently. Fence off wet, sloppy areas. Keep barns dry; ventilation helps; open-front barns also allow sun penetration, which is good. Dry cows' udders before applying milker units; you don't want dirty water collecting around the top of the inflation, and being drawn into the inflation. Keep cows standing after milking; send them out to the feeder. In summer time, when infections are most prevalent, use a teat sealant, preferably one that also contains a bactericidal agent.

(Turn to Page D15)

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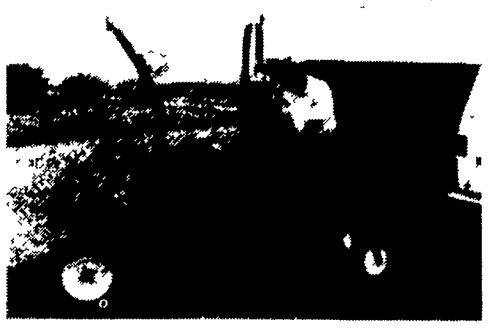

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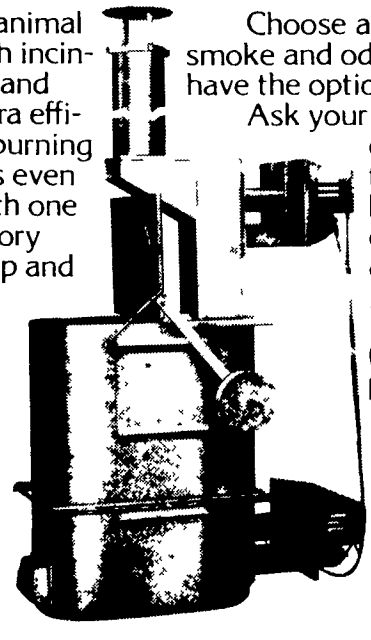

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CPR sessions planned

NEWARK, Del. — Safety and emergency care can't be separated, says University of Delaware extension safety specialist Ron Jester. Emergency care is particularly important to farm and rural people because of the relatively long distances they must travel to hospitals and medical facilities.

"The first few minutes after a medical emergency are crucial," Jester says. "Without proper treatment, complications can develop. People with adequate training in emergency care can often keep an injury from becoming serious. In many cases, they can save lives."

For example, if a victim stops breathing, brain cells and the central nervous system may die within four to six minutes after being deprived of oxygen. This means it's essential to understand the process of breathing and the most effective means of artificially ventilating a nonbreathing victim. Likewise, when the heart stops beating, irreversible damage to brain cells will occur within four to six minutes unless emergency care is provided.

This winter the University of Delaware Cooperative Extension Service and Delaware Chapter of the American Red Cross are jointly offering "Race for Life," a course to teach people how to give emergency care. The three-hour course will cover mouth-to-mouth breathing and CPR (cardiopulmonary resuscitation). It will be offered:

Jan. 30 - Pencader Grange, Glasgow – 7 p.m.

Jan. 31 - Farm Bureau Office, Dover – 7 p.m.

Those completing the course will be officially certified by the American Red Cross. There is a $5 fee to attend, and preregistration is required. For more information or to register, contact the country extension office in Newark (451-2506), Dover (736-4675) or Georgetown (856-5250).

Mastitis report available

KALAMAZOO, Mich. — The treatment of mastitis in dairy cattle is the subject of a new management report now available from The Upjohn Company.

This report discusses treatment programs for mastitis in both lactating and dry cows, the efficiency of novobiocin in treating mastitis and product profiles of various products to be used in treatment. Also included in the report are comments from producers and practitioners on the need for a total treatment program and how it is best established in a dairy.

For a single copy of the report, or for more information, write: Mastitis Management Report, The Upjohn Company, P.O. Box 5087, Kalamazoo, MI 49003.

Pipeline

(Continued from Page D14)

The fight against mastitis is a complex fight. A lot of things have to be done right - and all at the same time. It is a fight that can be won, but it won't be easy. However, the end benefits will be rewarding. It's worth a conscientious effort!

One final note. Since we already have too much milk (too little consumption); won't this aggravate the problem? Not if you milk fewer cows. The remaining cows will be more efficient, more productive and more profitable. They'll also produce a better quality milk, more worthy of promotion.

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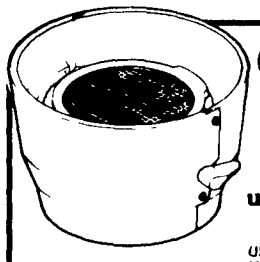

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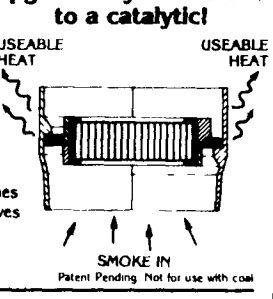

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Farm Talk

by
Jerry Webb
Delaware Extension

Telling the farmer's story to urbanites has become a major preoccupation with a number of farm organizations, agencies and industries over the past few years. I'm not at all sure what the "farmer's story" is, why it must be told and who should hear it. Rather, I think, there are many stories and many audiences. And I suspect much of the storytelling is being done by people who are not farmers and for reasons that aren't 100 percent pure. I have to wonder why a company should spend thousands of dollars telling what a good guy a farmer is. Why shouldn't farmers themselves be telling the story rather than standing idly by while industry does it for them.

But what can a farmer do? Or for that matter, what can a local or state organization do to improve agricultural relations? Here's one idea that stands a pretty good chance of working–a farm "live-in" for newspaper reporters. This approach was tried in Georgia on an experimental basis.

The Georgia plan worked like this. Reporters from the state's major daily newspaper actually lived with farm families for a week or more. They did what the families did–field work, chores, recreation, church. Hopefully, they saw farm life as it really is and had an opportunity to communicate with farm people over a period of several days.

It wasn't a publicity stunt or an effort to romanticize rural life, according to a spokesman for the Georgia Cooperative Extension Service, coordinator of the project. A reporter was assigned to a representative farm in his paper's circulation area. And he stayed there long enough to see what really goes on. This wasn't one of those quickie glamour tours of rural America where a bunch of travel and business editor's board an air-conditioned bus and go farm-hopping through Happy Valley. This was the real thing.

After a week of baling hay, cultivating soybeans, milking cows and whatever else is done on a Georgia farm, these city reporters surely developed a different view of agriculture. Now I suspect they tell the farm story in a more complete and realistic way. Not just the farm income story or the farm surplus story, but all of the issues that modern farmers face--conservation, land use, taxes, chemicals, air pollution, community development, labor and so on.

It might be difficult to find city reporters willing to spend a week in the spring or summer on a farm. That may be more time than a reporter or his paper feels the story is worth. Or, he may run out of interest in the subject long before his week is up. On the other hand, a reporter who is willing to accept such an assignment is apt to be a displaced farm boy longing for a brief return to the land. He might not be a very objective reporter. It would be better to have a guy who know nothing about farming but knows how to ask questions, listen to the answers and then go back to town and write fairly about what he did and what he saw and heard.

The farm community has had a standing complaint with the press about farm coverage - city newsmen don't do much toward covering agriculture and most media outlets don't have anyone around that understands much about agriculture. I've been told by media people that this is why they don't cover agriculture. They don't understand it, so they don't cover it.

There's a lot more to agriculture than rising food prices, grain sales to Russia, milk surpluses, and farm failures. The Georgia project seems like a very positive step toward background reporters in some other aspects of farming.

Maybe this idea can be borrowed. No doubt there are area farmers willing to host if there are reporters who have the time and interest.

Mushroom post to Harris

KENNET SQUARE — Henry Roberts, president of the American Mushroom institute, has announced the appointment of Charles R. Harris, Dover, Del. as Executive Director of the Association. The AMI is a national trade association representing the growing and marketing of cultivated mushrooms in the United States. Membership consists of mushroom growers, processors, buyers, suppliers and researchers.

Harris served as the Executive Director, Delaware State Bar Association, a group representing lawyers and judges in Delaware from October 1977 to January 1984.

Harris was graduated from West Chester State Teachers College in 1949 and taught in the Junior High School in West Chester until 1954 when he transferred to the Junior High School in Springfield. In 1955, he was appointed Executive Secretary, Delaware State Education Association, a position he held until November, 1974.

He was graduated from Temple University, Philadelphia, Pa. with a Masters' degree in 1951 and has earned sufficient credits from the Graduate School, University of Delaware, to qualify for a chief school officers certificate in 1973. He was graduated from the Institute of Organizational Management, Chamber of Commerce of the United States and Syracuse University, Syracuse, New York, in Association Management.

Ag area session Thursday

HONESDALE — A meeting to consider the formation of an "Agricultural Area" will be held Thursday at 8 p.m. in the Calkins Grange Hall.

The Agricultural Area Security Law passed in 1981 provides Pennsylvania farmers with the opportunity to band together to create agricultural areas. Such an area consists of at least 500 acres of farm land with the primary objective being to protect the agricultural industry. An agricultural area does not have to be in one 500 acre unit but may consist of several unconnected parcels.

The speaker will be Joseph Macialek, Community Development Agent, Penn State Extension Service. The meeting is being conducted by the Wayne County Agricultural Extension Service in cooperation with area farmers. All interested persons are welcome.

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SAT. FEB. 4 - 1 PM Real Estate, 4 Cabins, 3 and 2.8 acres. 1 mile East of Gap on Mt. Vernon Rd. George and Shirley Young.

FRI. FEB. 10 - 1 PM Real Estate, 4 bedroom house, 8 acre farmette. 3 miles east of Gap on Mt. Vernon Rd. Mose and Nancy Fisher.

SAT. FEB. 11 - 9:30 AM Horse Drawn Farm Machinery, Draft Horses and Mules. 1 mile northwest of Strasburg on Herr Rd. David King.

WED. FEB. 15 - 9:30 AM Horse Drawn Farm Machinery, Draft Horses. 3 miles West of Berrysburg, Dauphin Co. 1 mile North of Rt. 25. Amos A. Esh.

FRI. FEB. 17 - 1 PM Real Estate, Farm Machinery, 5 bedroom house, horse barn, 18 acre farmette along Rt. 10 at Compass. Lloyd and Ruth Riehl.

SAT. FEB. 18 - 10 AM Household Goods, Antiques, JD B Tractor, Farm Machinery. 6 miles East of Lancaster, 1 mile North of Rt. 23. Jake S. and Anna Stoltzfus.

SAT. FEB. 25 - 10 AM Horse Drawn Farm Machinery, Draft Horses, Antiques, Furniture, Etc. In village of White Horse. Amos F. Beiler.

WED. FEB. 29 - 9:30 AM Horse Drawn Farm Machinery, Draft Horses, 25 heifers out of Stoltzfus herd. 1 mile south of Gap. Stephen U. Stoltzfus.

TUES. MARCH 13 - 9 AM Full line of farm equipment, 3 IHC tractors, approx. 25 heifers out of Zook herd. 2 miles east of Intercourse. John Zook.

SAT. MARCH 17 - 9:30 AM Farm Machinery, Shop Tools, Antiques, 706 Int. gas, 450 Int. 5 miles East of Oxford. 1 mile Northeast of New London. Herman and Esther Bramble.

TUES. MARCH 20 - 10 AM Horse Drawn Farm Machinery, Horses, Mules, Heifers out of Fisher herd. ¾ mile west of Gap. Levi E. and Mary Fisher.

SAT. MARCH 31 - 11 AM Household Goods, Antiques, 10' Wheel Horse Tractor with Equipment. 1 mile North of Hony Break. Anna Baxter.

SAT. APR. 7 - 10 AM Farm Equipment, Antique Furniture, Tools. 3 miles north of Cochranville. Mrs. Filmore Martin.

THURS., FEB. 16 - 10:00 AM Inventory reduction, new & used Furniture at Georgetown Fire House. Terms by Fishier's Furniture.

THURS., FEB. 23 - 9:00 AM Osacalo Mill Rd. Dairy Herd Farm Machinery - Mules, Antiques. Daneil E. King.

THURS., MAR. 1 - 9:30 AM Dairy herd mules, Milk Equip. Antiques, Guns. On Paradise Lane. Gidion F. & Elizabeth L. Lapp.

SAT., MAR. 24 - 10:30 AM Real Estate, personal property, 1 mile East of Intercourse. 1:00 PM R.E. Helen Herman.

Watch for full listings.

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STEVE PETERSHEIM
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Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

JANUARY

SAT JAN 28 - 10 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Inc , Rt 555, 3 mi. east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers.

SAT JAN. 28 - 10 AM Public Auction of 2 East Coast Collection - Rifles, Pistols, Shotguns, Swords, Sabers and all types Accoutrements Located at the Lionville Fire Co , Lionville, PA. Rt. 100 & Rt 113, Exit 19 PA turnpike, Exton Barry Hurchalla, Auctioneer

SAT JAN 28 - 10:30 AM Public Auction of Farm Equipment Located near Petersburg, VA 1417 Brook Rd., Richmond, VA for information Auction & Realty Co., Inc , Owners

SAT. JAN 28 - 9:30 AM Public Auction of Truck Cranes, Const Equipment, Line Equipment, Trucks & Vehicles Located at the PP&L facility, corner of Union Blvd & Plymouth St , Allentown, PA Pennsylvania Power & Light, Owners

SAT JAN 28 - 11 AM Public Auction of Antiques & Furniture Located at St Dennis Church Center, Rt 213, Galena, MD Margaret R Whitehead, Estate Harry Rudnick & Sons, Inc , Auctioneers

SAT JAN 28 9 30 AM New Tools, 11 30 AM Machinery Located at McGill Equipment, Inc , R D 3, Box 485-C, Mt Pleasant, PA 15666 just off Rt 119 at Scottdale Exit, left at Long John Silvers Edgar Bohrer, Gene McGill and Fred Peters, Auctioneers

SAT JAN 28 - 11 AM Public Auction of Tractors, Farm Equipment, and Trucks Located 3 miles south of Smyrna, Del , Turn off US 13 onto Rt 84 across from Garrisons Golf Course Second farm on right William Hutchison, Owner C T Scuse & Sons, Auctioneers

TUES JAN 31 - 5 30 PM Farmersville Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, Pa John J Rutt, Auctioneers

TUES JAN 31 - 1 PM Public Auction of a Holland Stone Dwelling Located on the premises along Wintersville road north of 422 approx 2 miles east of Myerstown, Lebanon Co Ivan H & Laura N Musser, Owner G Harvey Weik, Auctioneer

FEBRUARY

THURS FEB 2 - Public Auction of Horse Drawn Farm Machinery, Draft Horses Located 1 mi north of Bird-in-Hand on North Ronks Rd Annie Stoltzfus, Owner Steve Petersheim, Auctioneer

THURS. FEB 2 - Monthly Cow sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, PA

THURS FEB 2 - 10 AM Public Auction of Horsedrawn Farm Machinery, Work Horses, Building Material, Antiques, and Furniture Located in Lancaster Co., PA., ¾ mile north of Bird-in-Hand on North Ronks Road. Turn north at Renninger's Antique Car Sales off Rt. 340 Annie Stoltzfus, Owner Steve Petersheim, Auctioneer.

THURS FEB 2 - 1 PM Public Auction of Antiques, Collectibles, Automobile, Modern Furniture, Household Goods Located at Springetts Fire Co Social Hall, 3013 E Market St , York, PA Jacob A Gilbert, Auctioneer

THURS FEB 2 - 6 30 PM Public Auction of Coins & Paper Weights Located 1 1/10 mile north of Manchester, PA along Rt 181, turn right at White Rock Watch for signs Blaine N Rentzel, Auctioneer

FRI FEB 3 10 A M Horse Sale at New Holland Sales Stables, Inc 12 miles east of Lancaster off Rt 23 in New Holland, Pa Abe Diffenbach, Manager

FRI FEB 3 Public Auction of a Full Line of Farm Machinery Located 5 miles north of Waynesboro, PA , 8 miles south of Chambersburg, PA , off Rt 316 on Manheim Rd Arvin R and Dorothy E Rudolph, Owners Robert C Mollendore, Auctioneer

FRI FEB 3 - 10 AM Public Auction of Antiques, Collectibles, Automobile, Modern Furniture & Household Goods Located at Springetts Fire Co Social Hall, 3013 E Market St , York, PA Jacob A Gilbert, Auctioneer

FRI FEB 3 - 12 Noon Public Auction of Dairy Cows 60 Head of Holsteins Located at Kling's Sale Barn, 2½ miles N E of Landisburg, Perry Co , PA , 15 miles North of Carlisle on route 74 V Art Kling, Owner

SAT FEB 4 - 10 AM Public Auction of Household Goods. 2 PM Public Auction of Valuable Real Estate. Located at 813 St. Joseph St. between Prospect St and Fairview Ave , Lancaster City, PA Shirley Kneisley, Executrix for the estate of Joseph M Nonneamocher, Robert E. & Jeffrey R Martin & Frank L Steller, Auctioneer

SAT. FEB. 4 - 9 30 AM Public Auction of Vans and Cars Located at the American Can Co facility, N Union Ave., Hillside, NJ New Jersey Bell, Owners

SAT. FEB. 4 - 9:30 AM Public Auction of Tractors, Truck & Farm Equipment. Located 1 mile north of Waynesboro, PA. (Franklin Co.) off Rt 997 onto Tomstown Rd., first farm on left. H. Elmo & Eileen Angle, Owners. Edgar Stull & John Downin, Auctioneers

SAT FEB. 4 - 11 AM Public Auction of Tractors, Farm Equipment, Irrigation Trucks Located, from Smyrna, De on Rt. 12 to Leipsic, turn right at 3rd crossroads 1st farm on left. John Hodukavich, Owner C.T Scuse & Sons, Auctioneers

MON FEB 6 - 10 AM Public Auction of complete Dispersal Top Farm Machinery, Antiques & Household Goods Located on the farm on Flintville Rd , York Co , PA From Md Rt 136, take Prospect Rd North to Ridge Rd , right on Ridge Rd to Flintville Rd , right on Flintville, ¼ mi to farm Coming south on PA Rt 74 from Red Lion, PA , turn left on Old Rt 74, go ½ mi to Lay Rd , take Lay Rd to Flintville Rd , right on Flintville 2 mi to farm Signs will be posted Donald G & Patricia D Fantom, Owners Aberdeen Sales Co Inc , Auctioneers

TUES FEB 7 12 30 PM Public Auction of 40 Holstein Dairy Cattle, Farm Machinery, Etc Located in Wellsboro, PA Terri Painter, Sales Manager, Fraley Auction Co , Auctioneer

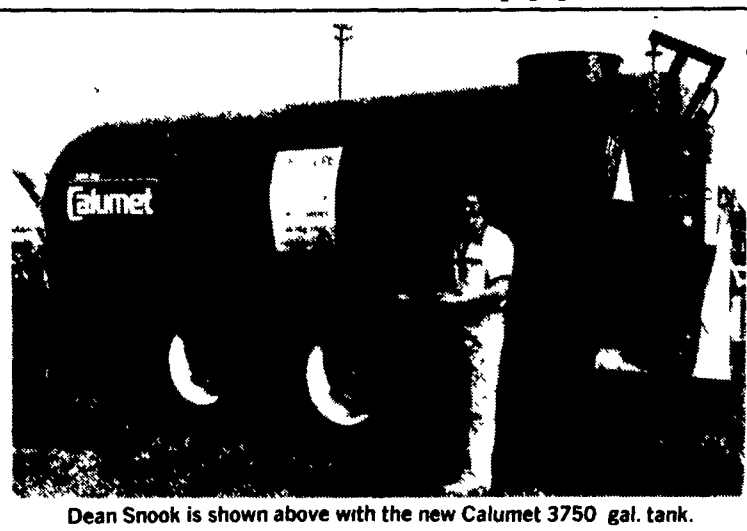
TUES FEB 7 - Public Auction of Hay, Straw & Grain, Horses & Mules, Farm Machinery, Building Material, Groc , Fruit, Dry Goods, Milking Equipment, Power & Hank Tools of all sorts Located at Kings Auction, Kirkwood, Lancaster Co., PA Kreider and Kline, Auctioneers

TUES FEB 7 - 9 AM Public Auction Consignment Sale of Hay, Straw, Grain, Firewood, Horses & Mules, Tractors, Mechanical & Horse drawn Machinery Located on Rt 472, 5 miles south of Quarryville, 6 miles north of Oxford at Shaubs Auction Grounds in Kirkwood, Lancaster Co , PA Sale by Kings Auction Kreider & Kline Auction Service, Auctioneers

SPECIAL SAVINGS During JANUARY

Calumet on LIQUID MANURE EQUIPMENT

EARLY ORDER MEANS $$$ FOR YOU



Dean Snook is shown above with the new Calumet 3750 gal. tank.

EQUIPMENT AVAILABLE...

- SPREADER TANKS - 2250 Thru 6500 Gallons
- VACUUM TANKS — 1500 Thru 4500 Gallons
- EARTHEN PIT PUMPS • VERTICAL SHAFT PUMPS
- TRUCK MOUNT TANKS - 2250 Thru 4500 Gallons

F. ERNEST SNOOK

RD 3 - Box 84, Mifflinburg, PA 17844 - Phone: 717-966-2736

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Air Compressor Sales & Service

½ to 150 HP
Pacemaker
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Service on most other makes
Air Tools & Motors

Also Hydraulic Motors, Pumps, Cylinders, Filters Hose & Fittings
For All Your Air & Hydraulics Write To:
Elam S. Stoltzfus
RD 1 Box 94A Kirkwood, Pa. 17536
or call answering service **717-529-2668**

Public Auction Register

Closing Date - Monday, 5 00 P M
of each week's publication

TUES FEB 7 - 5 30 PM Farmersville Auction in Farmersville, 3mi East of Brownstown, Lancaster County, Pa. John J Rutt, Auctioneers

TUES FEB. 7 - 10 AM Public Auction of Dairy Cattle & Machinery Located at the S & E Dairy Farms just off Rt 611, 3 Church Hill, North of Easton, PA. Follow signs to sale. S & E Dairy Farms - Randy Smith & Norman J Ehouse, Owners Hartzell's Auction Gallery, Inc , Auctioneers

THURS FEB 9 - 5 PM Public Auction of Antiques and Household Goods Located at Silver Springs Fire Hall along Rt 23 (Marietta Pike), 4 miles west of Rohrerstown, Lancaster Co , PA Anna Kolp, Owner T Glenn Horst and Timothy G Horst, Auctioneers.

THURS FEB 9 - 11 30 AM Public Auction of 57 head of DHIA tested and NEBA Holstein Cows 15,000 lb herd average Located on Losy Rd , Sussex Co , NJ, 10 miles northeast of Newton, NJ Barbara D Snook, Owner Col Fred R Daniel Auctioneers, Inc , Auctioneers

THURS FEB 9 - 9 AM Public Auction of Farm Machinery, Carpenter Tools, Livestock, Milking Equipment, Butchering Equipment & Antiques & Household Goods Located 4 miles East of New Berlin or 4 miles West of Winfield, turn South at Dry Valley Cross Roads on County Line Road (PA Cheesemaker Rd), on Penn Drive Mrs Fronie L Yoder, Owner Wayne H Hess, Auctioneer

FRI FEB 10 - 9 A M Public Sale of Farm Machinery at New Holland Sales Stables, Inc , 12 miles East of Lancaster of Rt 23 in New Holland, Pa Abe Diffenbach, Manager

FRI FEB 10 - 1 30 PM State Graded Pig Sale Located at Carlisle Livestock Market, Inc , exit 12 off of I-81

FRI FEB 10 - 1 PM Public Auction of valuable Real Estate Located 10 miles east of Gap, ½ mile south of Rt 30 along Mt Vernon Rd Mose & Nancy Fisher, Owners Steve Petersheim, Auctioneer

FRI FEB 10 - 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market, Inc

FRI FEB 10 9 30 AM Public Auction of Modern Farm Equipment, Household Shartlesville, turn north off I-78 at Shartlesville Exit Follow Mountain Rd approx 2 miles to farm in upper Bern township Berks Co , PA Mrs (Wodrow) Elva Werley Owner Ralph W Zettlemoyer Auction Co Inc , Auctioneers

FRI FEB 10 11 AM Public Auction of Construction Equipment, Cars, Trucks, Loaders, Etc Located P O Box 307, Felton, Delaware, 19943 Chester Lee Carroll, Auctioneer for Carroll's Sales Co , Inc

SAT FEB 11 9 30 AM Public Auction of Horse Drawn Farm Machinery, Horses and Harness Located 1 mi north of Strasburg on Herr Rd David King, Owner Steve Petersheim, Auctioneer

SAT FEB 11 - 10 AM Public Auction Located 4 mi southeast of Strasburg along Road from Ivy to Mt Pleasant Mennonite Church, Lanc Co , PA Benuel S Esh, Owner Diffenbach's Auctioneers

SAT FEB 11 - 9 30 AM Absolute Public Auction of Farm Machinery located along Cedar Mill Road, approximately 2 miles South of Ephrata, Pa. Take Rt 322 south of Ephrata to Cabin Road to farm Auction for Amos W and Emma M Zimmerman, Auction conducted by J Omar Landis Auction Service, Ephrata, Pa

SAT FEB 11 10 AM Public Auction of Livestock and Farm Equipment Located 3 mi southeast of Strasburg from Rt 896 Take Ivy Rd to Mt Pleasant Rd Sale Located 1 mi south of Route 896 along Mt Pleasant Rd Paradise Twp Lanc Co , Pa Benuel S & Annie Esh, Owners Diffenbach's Auctioneers

SAT FEB 11 9 30 AM Public Auction of Cars, Vans & Line Body Trucks Located at the Middletown Grange Fairgrounds, Penns Park Rd in Wrightstown, PA Bell Telephone Co of PA , Owners

SAT FEB 11 10 AM Public Auction of Farm Equipment Located 1 mile east of Banger along the road to Richmond In Banger, turn off Rt 191 at the car wash onto Messinger St Go to Center St , then 1 mile toward Richmond Northhampton Co , PA Lester P Reimer, Owner Ralph W Zettlemoyer Auction Co , Inc , Auctioneers

SAT FEB 11 - 10 30 AM Public Auction of valuable farm equipment Located app 5 miles northwest of Manheim, Lancaster Co Mastersonville Fire Co grounds Mastersonville, PA Ronald C Shaffer, owner E M Murry Assoc , Auctioneers

SAT FEB 11 - 10 AM Public Auction of Farm Equipment Located 1 mile east of Bangor along the road to Richmond, in Bangor turn off Rt 191 at the car wash onto Messinger St Go to Center St then 1 mile toward Richmond, Northampton Co , PA Lester P Reimer, Owner Ralph W Zettlemoyer Auction Co , Inc , Auctioneers

SAT FEB 11 10 AM Public Auction of Farm Machinery, Bee and Butcher Equipment Located 2 miles north of Middleburg on Rt 104 Turn onto Salem Church Rd 4/10 mile to sale site Snyder Co , PA John W Hollenbach, Owner Mark J Jones & Dale L Longacre, Auctioneers

SAT FEB 11 9 30 AM Public Auction of Farm Machinery, Work Horses, Mules, Antique Furniture & Tractors Located in Lancaster Co , PA , 2 miles northeast of Strasburg From Rt 896 go east on Herr Road, 2nd farm left David K King, Owner Steve Petersheim, Auctioneer

SAT FEB 11 - 10 AM Public Auction of Horse Drawn Machinery, Livestock, Hay, Straw & Corn Located at the farm of William M Lee, between Meiserville and Mt Pleasant Mills Follow direction signs off Rt 104 at Church of Christ Mr & Mrs William M Lee, Owners Bryan D Imes, Auctioneer

TUES FEB 14 - 9 AM Public Auction of Holstein Herd Dispersal, Mules and Farm Machinery Located on Rt 272 south of Lancaster, 6 mi turn east on Ship Rock Rd , ½ mi to farm, 6 mi north of the Buck, east on Ship Rock Rd Henry F Fisher, Owner Kreider and Kline, Auctioneers

TUES FEB 14 9 AM Public Auction of Holstein Herd Dispersal, Mules, & Farm Machinery Located Rt 272 south of Lancaster, PA, 6 miles, turn east on Ship Rock Rd ½ mile, or 6 miles North of the Buck, East on Ship Rock Rd ½ mile to sale Henry F Fisher, Owner Lloyd Kreider, Randal V Kline, Roy E Good, & Gary Shirk, Auctioneers

WED FEB 15 10 AM Public Auction of Horse Drawn Farm Machinery, Draft Horses and Milking Equipment Located in Dauphin Co , PA , 8 miles east of Millersburg, 2 miles northwest of Berrysburg 2 miles north of Rt 25 on Kessler Road Amos A Esh, Owner Steve Petersheim, Auctioneer

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WED FEB 15 12 Noon Public Auction of Valuable Real Estate Located along Rt 897, two miles north of Rt 340 from White Horse, in village of Springville, Salisbury Twp , Lancaster Co , PA Nancy E Sandoe Estate, Corbett Sandoe, Executor Abe Diffenbach, Auctioneer

WED FEB 15 10 AM Public Auction of Horse Drawn Farm Machinery, Draft Horses and Milking Equipment Located in Dauphin Co , PA, 8 miles east of Millersburg, 2 miles northwest of Berrysburg 2 miles north of Rt 25 on Kessler Rd Amos A Esh, Owner Steve Petersheim, Auctioneer

WED. FEB 15 - 10 AM Public Auction of Valuable and Important Properties Located at Granite Station Rd , 3 miles E of Gettysburg, PA on Rt 30 D H Sharrer & Son, Inc , Owner

THURS FEB 16 - Public Auction of Farm Equipment, Household Goods and Livestock Located 2 mi northwest of New Holland, turn off of Rt 23 on N Shirk Rd at Goods Furniture, 1st road left on Amishtown Rd , Lanc Co , PA Emanuel S Lapp, Owner Robert E Martin and Son 656-7770, and Frank L Steller, Auctioneers

THURS FEB 16 & FRI FEB 17 - Public Auction of Farm Equipment Located 1 mile East of Marion, PA Ralph W Horst, Manager

FRI FEB 16 - Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

MON FEB 16 9 AM Tack, 12 Noon, Horses Public Auction of Pennsylvania Draft Horses & Mules Located at the Pennsylvania State Farm Show Building at the Corner of Cameron and McClay St , Harrisburg, PA Gail Biddle & Elmer D Lapp, Owners

THURS FEB 16 - 9 30 AM Public Auction of Livestock, Farm Equipment, Hay and Corn Located between New Holland and Leola, turn off Rt 23 at Goods Furniture on N Shirk Rd , first road left on Amishtown Rd to sale Lancaster Co , PA Emanuel S & Katie S Lapp, Owners Robert E & Jeffrey R Martin, & Frank L Steller, Auctioneers

THURS FEB 16 - 10 AM Public Auction of Farm Equipment, Dairy Cows and Heifers Located north of Schoeneck along Cocalico Rd , ½ mile south of Rt 897 in Cocalico John O & Esther Mae Nolt, Owner John E & Paul E Martin, Auctioneer

THURS FEB 16 - 11 AM Public Auction of Holsteins Located on the farm on Rt 42, 2½ miles north of Kenton, Delaware and ½ mile south of Blackiston Crossroads From Rt 13 coming north, turn left on Rt 42 at Cheswold and go 8 miles to the farm Coming south on Rt 13, take Rt 300 to Rt 42 and turn right Norman W. Voss & Son, Owner Remsburg Sale Service, Auctioneers

FRI FEB 17 - Public Auction of Farm Equipment, Household Goods and Livestock Located along Rt 30, between Kinzers and Gap, Lanc Co , PA Amos Yoder, Owner Robert E Martin and Son, 656-7770 and Frank L Steller, Auctioneers

FRI FEB 17 - 10 A M Horse Sale at New Holland Sales Stables, Inc 12 miles east of Lancaster off Rt 23 in New Holland, Pa Abe Diffenbach, Manager

FRI FEB 17 - 9 30 AM Public Auction of 50 Head Holsteins, Dairy Equipment and Farm Machinery Located in Mifflin County, 5 miles Northeast of Belleville, PA on the back Mt road Mr & Mrs Jesse L Hostetler, Owners, Mark Glick, Auctioneer

FRI FEB 17 - 1 PM Public Auction of Valuable Real Estate, Farm Machinery & Feed Located in West Caln Twp , Chester Co , 5 miles north of Parkesburg along Rt 10. Watch for signs Lloyd & Ruth Riehl, Owners Steve Petersheim, Auctioneer

PUBLIC AUCTION

FARM EQUIP.; TERRE HILL SILO
BUNKER FEEDER MILK TANK
PIPE LINE MILKER; LUMBER

MONDAY, FEBRUARY 13, 1984
at 11:30 A.M.

(1 mile NW of Kempton), turn off Rt. 143 onto Hawk Mt. Rd., for 2 blocks to Weider Rd., then ¼ mile to farm in Berks Co. Pa.

JD A tractor w/p trol; Farmall super H tractor; JD 12' harrow; JD 494-A c planter w/herb attach.; JD four bar rake; JD 12-A combine w/motor & bin; NH 28' bale elev.; 2- JD 214 and 216 chuck wagons; 2- wooden side bale wagons 1 w/grain sides & hy dump; Farm Rite gravity wagon; NI #10 c husker; DeLaval 4 unit 2" stainless pipe line milker for 42 stalls new 3 yrs. ago; Esco 650 gal. bulk milk tank (water cooled); Patz 60' long bunker feeder complete; 2- silo unloaders Badger 14'-Patz 16'; 2- Jamesway barn cleaner units; 36" barn fan; 20- milk cans; Meyers 1hp water pump used one yr.; 1978 Terre Hill 16'x40' concrete stave silo; 2-feed carts; 2-150 gal. fuel tanks; sausage stuffer; pulley driven meat grinder, plus other small items not mentioned.

Lumber - new rough sawed lumber oak & poplar including, rafters & boards to erect a 36'x36' three sided bldg.

Terms- Cash or check Refreshments Available

Ordered by
RICHARD & CYNTHIA WIEDER

Conducted By
Ralph W. Zettlemoyer Auction Co. Inc.
(215) 395-8084
Pa. license #AU-001809-L

PUBLIC SALE

HOLSTEIN CATTLE &
FARM EQUIPMENT

Discontinuing farming I will sell on my premises along Barkhill Road, between Union Bridge & Uniontown, Carroll County, Maryland, on:

SAT., FEBRUARY 4, 1984
Starting at 10:00 A.M.
the following:

21 HEAD OF
HOLSTEIN CATTLE

20 Milk Cows, one bred heifer, eight fresh since Dec. 1, several due in March, balance in different stages of lactation. Tested within 30 days.

FARM MACHINERY

International 686 Diesel W/W.F., 3 Pt., only 780 hours; International 560 Diesel W/33-A loader w/Hyd. bucket, International 300 gas tractor, Farmall "M" W/two row mounted picker, International #445 baler W/#15 thrower, N.H. #479 P.T.O. haybine, N.H. #717 Super forage harvester W/two row corn head, N.H. #38 flail chopper, N.I. P.T.O. #215 manure spreader, International #76 P.T.O. combine, International 4 row corn planter, Pittsburg 32 disc transport disc, International #35 rake, two grove heavy duty wagons W/kicker sides, 8 ton ensilage wagon W/false end gate, flat bed wagon, gravity bin wagon, N.I. 33' elevator, Intern. #40 blower & pipe, N.H. forage harvester W/one row corn head, Hyd. cylinder, R.T. wheelbarrow, two Elect. fencers, Elect. fly killer, 1970 DODGE PICKUP S# D148B0s149103, 1948 Chev. 1½ ton stake body truck, some Sm. tools.

DAIRY EQUIPMENT- Girton 290 Gal. milk tank, three DeLaval milker units, Buo-matic compressor, strainers, buckets.

HAY & STRAW- Remaining day of sale.

HOUSEHOLD GOODS- Frigidaire Refg., Sm. Coldspot chest freezer, Maytag dryer, portable dish washer, M/W Refg., color TV set, oak dresser, chest of drawers & bedside stand, two single beds, maple bunk beds, 7 Pc. dinette set, two Pc. Uphol. Liv. Room suite, other Uphol. Furn., Dec. arm rocker, coffee table, Dbl. rinse tubs, Sm. applainces, dishes, pans, Etc., other unlisted items.

ORDER OF SALE- Household, Sm. tools, Farm machinery, Feeds, Dairy equipment, Cattle.

TERMS- Cash or approved check on day of sale. Nothing to be removed until settled for. Not responsible for any accidents on the premises.

JOHN C. LINTHICUM
775-7850
AUSTIN BOHN, AUCTIONEER
775-7607
Sidney Lease & Jacob Altvater, Clerks
(Lunch Rights Reserved)

HORNING'S PUBLIC SALE

OF FARM EQUIPMENT

located along Meadow Valley Road, between Ephrata and Millway. Signs posted on Rte. 272 south and Rte 322 west of Ephrata. Ephrata Township, Lancaster Co. on

TUESDAY FEBRUARY 28, 1984
Sale at 9:30 A.M.

TRACTORS

John Deere include 4320 Diesel w/cab. 4230-D. three 4020-D.-3020 D 2640 D 2630 D 2520 D. two 2030 D.
International include 1486 D 1066 D w/cab. 684 D 706 D 706 G 656 Gas. 100 w/cult S-A. w/cult.
Massey Ferguson include, 285 D. two 175 D 165 D 65 D multi power, 65 gas, 50 gas multi power, 35 D. Ferguson 40 M F. 35 gas, P S
Ford Inc. 7000 D w/loader, 6700 D 800 Gas, 8 N
Oliver Inc. 1855 D 1750 D David Brown 990 Diesel Case 300 PS gas Bobcat #530 Skid loader

BALERS - HAYBINES - RAKES
COND. MOWERS

Balers with throwers include N H #320, N H #315-N H #276, N H #273, two N H #271, N H #268, J D #336, N.H #851 round baler
Balers without throwers N.H #273, N H #275, N H #271, N H #S-69, Hesston #4500, MF #12
Haybines Include in 9 ft. N H. #489, N H #488, three N H #479, N H #469, N H #461, two J D #1209, Int #990, Hesston P-T-10 New Idea #279 cutditioner
Haybines in 7 ft. inc. N H #472, N H #477, N H #467, Int #990, Hesston PT-7, Ford #536, N.I #272 Cutditioner, N I #270 Cutditioner
Rakes include two N H #256, N H #258, three N H. #56, N H #55, J D #640, Int. #35, 3 pt wheel rake, three Grumm tetters, 1 Nicholson, two Kuhn tetters, New Ideaw #752 Crusher, N H #404 Crusher
3 pt. Mowers J D #350 3 pt M F Dyno Ford #515, Oliver #415 trailer, Cub & A Farmall Mowers

HARVESTERS - PICKERS - WAGONS

Harvesters Inc. New Holland #892 w/3 row low profile head, N H 2 row #890, N R snapper head, Pickup 2-N H #770, N R w/1 row snapper head, N H #718 w/1 row, N H S-717 W R and pickup, Gehl #800, N R. Hesston #200-150 N R and pickup, J D #35 N R and pickup, Fox 2000
Cornpickers Inc. J.D #300, N I #323, N I #310, Int 1 P R
Wagons Inc. J D #716 w/3 btr and tandem axles, Gehl #960 W/3 btr & roof, Gehl #910 w/3 btr & roof, Dion 3 btr , N H #8-2 btr tandem, Gehl #84-2 btr. N I 2 btr 3 bale thrower wagons, 2 flat wagons, 14 ft hyd dump wagon

PLANTERS - PLOWS,
DISK HARROWS, PACKERS

Planters Inc. 2-J D #7000 4 row, N R Dry fertilizer like new, J D #7100 6 row, J D #1240 plateless dry fert disk openers, J D #1240 Liquid allis chalmer, 7 row soybean special, A C #333 air 4 row no till, w/dry fert , monitor like new, A C #770-4 row like new, two Int #56 four row two Int #56 two row, Int #455 4 row two Oliver #543 four row, J D #494A, J D #246 3 pt , Oliver 2 row 3 pt , M F #39 2 row, M F 4 row, 3 pt
Plows Inc. Int #7000 Semi 5 Spring Reset B, int 3-16 reset 3 pt , White #348-3-16 reset 3 pt , Ford 3-16 reset 3 pt., Ford 5-16 reset, Ford 4-16 trip semi , J D 4-16 hyd reset, Case 6-16 semi trip , M F 5-B Semi Trips , Trips Int #540-4-16 semi trips, J D 4-16 semi, Oliver #546 4-B, M F Semi 4-16 semi, Int 3-16 semi trip , Int 3-16 3 pt , M F 3-16-3 pt , J D 2-16, Case 2-14-3 pt , 1-B-3 pt , Oliver 3-16 Cushion 3 pt
Disk Harrows Inc. J D #210-12 ft White #252-12 ft , Oliver #252-12 ft , Taylor Way 10 ft , Ford 10 ft Transport, Int #500 heavy duty, J D A W 10 ft , K B A Transport & Trailer, J D R W A 12 ft Packers
10-12-14 ft J D & Brillion Packers, Int #315 Cultimulcher 14 ft , J D #350 Cultimulcher 10 ft , J D #400 rotary hoe, Int 3 pt rotary hoe

CHISSEL PLOWS - CULTIVATORS
FIELD CULT. DRILLS

Chissel Plows J D 14 ft 3 pt , Krause 13 tooth, Glenco 7 tooth trailer, Glenco 12 ft 3 pt , Lilliston 7 tooth, Int 7 tooth trailer
Cultivators 2-Int 4 row 3 pt Lilliston 4 row rolling, J D 6-row 3 pt , M F 6 row
Field Cult. Int 14 ft , Glenco 12 ft , 14 ft , 16 ft
Drills 2 J D #8300, J D #8250-14 disk, two Int #10-16 disk, J D FBB-16 disk

GRINDER & MIXERS - SPREADERS
-BLOWERS, ELEVATORS

Grinder & Mixers N H #357, N.H. #352, J D #750 hyd **spreaders,** N H #676 tandem, N.I #217 w/tailgate, N I #214-3 btr , N I #213-3 btr , Int. #540-two btr , N I #206 Ground Dr Int , #540 single btr , N I #213 single Btr , N H tank spreader
Blowers J D #6500, N H. #28, N.H #25, Gehl #99
Elevators N H. 36 ft , Little giant 38 ft. & corn drag

MISC.

Brillion seeder, Ford 727 loader, Sauder loader, 2 Walsh trailer sprayers, N I fert drill, 6 & 7 ft heavy duty 3 pt blades, Brillion 14 ft & 16 ft stalk shredders, subsoiler, J D spring harrows, Stauffer Transplanter, A C 7 ft rotary cutter, Lilliston Cutter, N H hay conveyor
If you are in need of good clean equipment, Don't miss this sale Come early as only a few small items.
Terms - Cash or good checks. Indent. for buyers required
Not Responsible for Accidents

EDWIN HORNING & SONS
R.D. #2, Ephrata, Pa.

Auct.
Ralph Horst, Blane Rentzel,
Clyde Wolgemuth
Phone 717-733-7408

Public Auction Register

Closing Date Monday, 5 00 P M
of each week s publication

FRI FEB 17 Public Auction of Special Machinery Consignment Located at Mel Kolb's Woodsboro MD Farm. Directions ½ mile Northwest of Woodsboro on Rt 550 in Frederick Co

SAT FEB 18 - 9 30 AM Public Auction of Draft Horse, Mules, Drivers and Meat Horses Located at the Belleville Livestock Market Mark Glick, Auctioneer

SAT FEB 18 Auction of horse drawn farm implements and tools Located 2 miles northwest of White Horse alone Meadville Road in Salsbury Township, Lancaster Co PA Enos King, Owner LeRoy S and Paul W Horst, Auctioneers

SAT FEB 18 10 AM Public Sale of Livestock, and Farm Equipment located 10 miles southeast of Strasburg, 1½ miles south of Nine Points, ½ mile east of Route 896, along Bartville Rd, Sadsbury Twp, Lancaster Co, Pa Sale by John S Kauffman, Owner, Diffenbach's Auctioneers

SAT FEB 18 - 10 AM Public Sale of livestockfarm equipment and dairying equipment Located 10 miles southeast of Strasburg, 1½ miles south of Nine Points, ½ mile east of Route 896, along Bartville Road, Sadsbury Twp, Lancaster Co, PA John S Kauffman Owner Diffenbach's, Auctioneers

SAT FEB 18 9 AM Public Auction of Farm Equipment, Antiques, and Household Goods Located along Church St between Reamstown and Hahnstown, East Cocalico Township, Lancaster Co., PA Simon L Martin, Owner T Glenn Horst & Timothy G Horst, Auctioneers

SAT FEB 18 - 9 AM Public Auction of Valuable Garage Equipment, Tools & Car Parts Located ½ mile north of Selinsgrove, PA along Rt 11 & 15 at the former Bottiger & Stuck Building or ¼ mile south of Susquehanna Valley Mall Duane Baer Owner Dale Longacre, Mark Jones, & Ralph Lesh, III, Auctioneers

SAT FEB 18 10 AM Public Auction of Household Goods, Antiques, Dishes, Tools, & Farm Machinery Located in Lancaster Co, PA, 6 miles east of Lancaster City, 3 miles west of Bard's Crossing 1 mile north of Rt. 23 on Snake Hill Rd Jake & Anna Stoltzfus, Owners Steve Petersheim, Auctioneer

SAT FEB 18 - Public Auction of Farm Machinery, Cattle & Hogs Located at R D 4, Newville, Cumberland Co, PA Mark E Keeseman, Jr Owner Kling's Auction Service, Auctioneers

MON FEB 20 - 9 AM Public Auction of Farm Equipment Located 15 miles south of Dayton, 30 miles north of Cincinnati, 2 miles northwest of Lebanon, 4 miles east of Interstate 75, 4 miles west of Interstate 71, on State Route 122 and Hart Rd Hale's Farm Equipment, owners

TUES FEB 21 10 AM Public Auction of Farm Equipment and Parts located 3 miles north west of Morgantown Sale by Ed Hurst and Ivan Hoover Elvin Horning, Auctioneer

TUES FEB 21 - 10 AM Public Auction of Livestock and Farm Equipment Located 2½ miles east of Route 472, 2 miles southwest of 896 from Nine Points, at Bartville, Bart Twp, Lancaster Co, PA Stephen M Stoltzfus, Owner Diffenbach's Auctioneers

THURS FEB 23 - 9 30 AM Public Auction of Dairy Herd, Farm Machinery, Horses, etc Located 4 miles southeast of Intercourse on Osaola Mill Rd Daniel King, Owner Steve Petersheim, Auctioneer

THURS FEB 23 - Public Auction of Horse Drawn Farm Machinery, Horses, Farm Related Items, 2,000 bushel Wire Corn Crib, Ear Corn, Guns & Household Goods Located R D 2, McClure, PA Michael & Jacob Hostetler, Owners Bryan D Imes, Auctioneer

FRI FEB 24 - 9 AM Public Auction of Antique Tractors and Engines, New, Used and Abused Farm Equipment, New Tools and Fruit. Located 10 mi east of Lancaster, 2½ mi west of New Holland, turn off Rt. 23 on S Groffdale Rd, turn left on Musser School Rd, Lanc Co., PA Elias S. Beiler, Owner Robert E Martin and Son 656-7770, Frank L Steller and Blaine Rentzel, Auctioneers

FRI FEB 24 - 1.30 PM Dairy Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers

FRI FEB 24 9 30 AM Public Auction of Farm Machinery, Dairy Equipment, Corn, Hay, some Furniture and Antiques Located 1 mile East of Belleville, PA, turn off Rt 655 at Medical Center Louie E and Frona Yoder, Owner Mark Glick, Auctioneer

FRI FEB 24 - 10 00 AM Public Sale of livestock, farm equipment and some household items Located 1½ miles west of Route 472 from black Rock, 2½ miles west of Route 896 from Nine Points, Noble Road to Bartville, 1 mile west of e along Bartville Road, Lancaster Co, PA Samuel M Stoltzfus, Owner Diffenbach's, Auctioneers

FRI FEB 24 - 9 AM Public Auction of Antique Tractors & Engines, New, Used & Abused Farm Equipment, New Tools, Fruit & Cousin Located 10 miles east of Lancaster, 2½ miles west of New Holland, turn off of Rt 23 on S Groffdale Rd, turn left on Musser School Rd., Lancaster Co, PA. Elias S Beiler, Owner. Robert E & Jeffrey R Martin, Blaine Rentzel & Ed Goodrich, Jr, Auctioneers

SAT FEB 25 - CONSIGNMENT SALE Const Equip, Trucks, Trailers & Contractors Equip to be held at the property adjacent to the Ramada Inn off Rt 95 in Essington, Pa, just south of the Philadelphia Int'l Airport Vilsmeier Auction Co, Inc

SAT FEB 25 - 10 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Inc, Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

SAT February 25, 1984 - 9 AM Terms by Allan H & John W Brubaker Electrical supplies, farm machinery, household goods, and tools Located ½ mile north of Hahnstown, Ephrata Township, Lancaster County Auctioneers - Paul W & Leroy S Horst

PUBLIC AUCTION

SAT., FEBRUARY 25, 1984
10:00 A.M.
OUR 10TH ANNUAL FARM EQUIP. AUCTION

Over 500 Buyers In Attendance Over 1500 On Mailing List.

PROVEN AUCTION - PROVEN RESULTS
AUCTION STAFF WITH ABILITY TO SELL

Phone 301-658-6400 List Your Consignments Now We Need At Least Two Weeks For Advertisement. Consignments Taken Until Sale Time.

Inviting:
Tractors
Vehicles
Posts - Wire
Tools - Lumber
All Types Of Farm Equipment

Many Items Will Be At This Auction That Are Not Advertised - Plan To Attend!

Auctioneers:
Norman E. Hunter
Parkes T. Williams
Norman Hart

HAULING AVAILABLE - RESTAURANT ON GROUNDS

NOTE: SPRING AUCTION WILL BE MAR. 24TH.

"Cecil County's Leading Auction Service"

Auction Held At:

AUCTION SERVICE

HUNTER'S SALE BARN, INC.
RT 276 - BOX 427
RISING SUN, MD 21911

DAIRY CATTLE & MACHINERY AUCTION

TUESDAY, FEBRUARY 7, 1984
at 10:00 A.M.

At The S & E Diary Farms Just Off Rt. 611, 3 Church Hill North of Easton, Pa. Follow Signs To Sale.

84 Holstein Dairy Cattle, 65 Milkers 2 Registered, 15 Hiefers, Various Sizes Some Bred, 6 Bulls, 4020 John Deere Tractor Rebuilt With Only 300 Hrs., 3 Chuck Wagons, 750 J.D. Feed Grinder, 2 Manure Spreaders, 1 Meyers, J.D. Flail Chopper 16 a, Generator 1200 KW, 717 Super New Holland Corn Chopper With 2 Heads, Silo Unloader Acorn Savage, Sunset Bulk Tank 6450, Surge Milking System And Pipe Line, Cornell Barn Cleaner, Stanchions, 36' Mayrand Grain Elevator.

NOTE: Due To The Lack Of Small Items The Sale Will Start With Large Machinery.

TERMS: Cash, Personal And Business Checks, Checks Must Be Cleared Before Sale Day By Calling (215) 588-5831.

Sellers: S & E DAIRY FARMS
RANDY SMITH,
NORMAN J. EHOUSE

HARTZELL'S AUCTION GALLERY INC.
Pa. #AU-000395-L
3 Generations of Full Time Experience
(215) 588-5831 588-4614 588-1009

PUBLIC SALE

OF VALUABLE REAL ESTATE
WED., FEBRUARY 15, 1984
12:00 Noon

Located along Route 897, two miles north of Route 340 from White Horse, in village of Springville, Salisbury Twp. Lancaster Co., Pa.

TRACT #1

Plot of ground contining one and three-fourths acres, more or less.

Erected thereon, a nine room stone house.

Bank barn.

Well on property.

TRACT #2

Thirty-nine acres of farm land, in high state of cultivation with road frontage. Offered as a unit & individual tracts.

Inspection of Properties, Sat. Feb. 4th from 1:00 p.m. to 3:00 p.m.

Sale conducted at Tract #1, at 12:00 noon, Feb. 15, 1984.

NANCY E. SANDOE ESTATE
Corbett Sandoe, Executor
Thomas Wentz, Atty.
Abe Diffenbach, Auct.

PUBLIC SALE

OF
HOLSTEIN DAIRY CATTLE

Due to health reasons and discontinuing dairying, the undersigned will sell located 9 miles east of Frederick, MD and 4 miles north of New Market, MD on Route 75, east 1 1/2 mile on Old Annapolis Road (1st farm on right past Linganore School) or 4 miles south of Libertytown, MD off Route 26 on Route 75.

FRIDAY, FEB. 10, 1984
at 11:00 A.M.
122 HEAD OF HOLSTEIN DAIRY CATTLE 122

Consisting of 35 head fresh in past 60 days, 25 head are dry with balance in different stages of lactation, 3 registered cows. This is a mostly young herd with 32 head in 1st lactation, 30 in 2nd and 24 in third lactation. Herd is on DHIA with approx. 1/3 with records from 15,130 to 22,420, not including 1st calf heifers. The herd is typey and nice udders. Pregnancy examined by vet. Bangs and T.B. tested within 30 days of sale.

Records to be available at ringside.

Sale To Be Held In Tent - Loading Chute Available

MACHINERY SALE OF COMPLETE LINE OF MODERN FARM MACHINERY TO BE HELD MARCH 24

TERMS: CASH - Not responsible for accidents

MR & MRS. D. WAYNE KNOTT
Phone: (301) 829-9448
AUCTIONEER: Robert C. Mullendore
CLERK: C.L. Metz

— Lunch Rights Reserved —

DAIRY HERD DISPERSAL

Springville Twp. Susquehanna Co. Pa.

I the undersigned will sell my Dairy Herd, at the Robert Loomis Farm. Located on Whites Creek Road, 2½ miles west of Route 29 at Lynn Comers, 10 miles north of Tunkhannock, PA, 3 miles South of Springville, 3 miles North of Route 6 at Meshoppen and Slumber Valley Road, watch for arrows, on

WED., FEBRUARY 8, 1984
at 12:30 P.M.

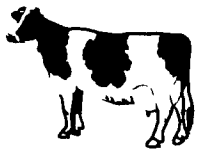
51 - HI GRADE HOLSTEINS - 51

11 1st calf heifers fresh in Dec. & January. 12 2nd calf heifers due by sale day, 2 bed for early April, 10 1st calf heifers due late Feb. & early March, majority bred to a Home Sire from a 25,000 lb dam. 16 short-bred heifers due next fall & early winter. These animals are sired by high P.D. Taurus Service Sires, with the majority being daughters of Flint Stone Royal Adams, VG-Canada +1829 M. +71F. +$250. They are accustomed to both Tie Stall & Free Stall Housing, currently in a heavy flow of milk with a 4.3% test. Some of the nicest udders you will see. Their potential is ahead of them and can be yours by being with us Feb. 8th. 30 Da. TB & blood test, pregnancy examined, injected for shipping fever, Interstate Health Charts day of sale.

Terms cash or approved check, if unknown to Auctioneer, must have a current bank letter of credit. Sale held indoors, lunch.

Owners
MALCOLM & CHARLOETTE BUTTON
R.D. #1, Springville, PA
ph. 717-965-2492
Wayne Weaver Auctioneer
R.D. #2, Tunkhannock, PA 18657
ph. 717-333-4194

REG. & HIGH GRADE
HOLSTEIN DISPERSAL



DHIA Tested - NEBE BRED - 50% 2 and 3 yr. olds.

THURSDAY, FEBRUARY 9, 1984
11:30 A.M.

FOR BARBARA D. SNOOK
Sussex County, N.J.

7 mi. S.W. of Sussex, N.J. 10 mi. N.E. of Newton N.J. From Newton take Rt. 206 to Rt. 565 North to Losey Rd. turn east continue 2 mi. to Farm. Arrows Posted!

57 HOLSTEINS - 55 hd. milking age, 25 hd. are 1st. and 2nd. calf heifers. 12 hd. fresh recently or handling. Balance mostly bred for fall freshening! 2 started caives. 9 hd. Registered! Many years of **NEBA Breeding.** Sires Rep. - Elevation, 3 by Jet Stream, Job, Ivan, Vernon and others! Many popular NEBA sires used for service. **DHIA Tested** Rolling Herd ave for 54 hd. 15,290 lb. milk 508 lb. fat 3.7% ave test! 305 day records to 20,000 milk 725 fat! A home raised herd with mostly all calf hood vacc. Cows are presently milking close to a 50 lb. average under a moderate feeding program! Both potential and opportunity are found in this dairy! Pregnancy examined and vaccinated for shipping fever! Plan to attend this Sale! Farm has been rented out and Full line of machinery and 30 hd. holstein heifers will be Auctioned March 24, 1984.

Lunch Available!
Cash or Good Check with Full Settlement Sale Day!
Blizzard date Fri. Feb. 10, 11:30 A.M.!

Owner:
BARBARA D. SNOOK
Augusta, N.J.

Sale Conducted By:
Col. Fred R. Daniel Auctioneers INC.
Neshanic Sta., N.J.
201-369-4784

Public Auction Register

SAT FEB 25 - 10 AM Public Auction of Livestock and Farm Equipment Located 1½ mi, southwest of Bartville off Farmdale Rd, Lanc Co, PA Henry S Stoltzfus, Owner Diffenbach's Auctioneers

SAT FEB 25 - 10 AM Public Auction of Horse Drawn Machinery, Draft Horses and Antique Furniture Located 7 mi east of Intercourse in village of White Horse Amos F Beiler, Owner

SAT FEB 25 - 10.00 AM Public Auction of valuable 90.3 acre dairy farm Located Rt 1 Bainbridge, from Lancaster take Rt 30 West to Rt 411 north 11 miles Edward and Sydney Shoop, Owners Kreider and Kline Auctioneers

SAT FEB. 25 - 10th Annual Public Sale by Strasburg Fire Company #1 at the fire house, West Main St, Strasburg, Pa Sale managed by Elvin Siegrist, Auctioneer

SAT FEB 25 - 9:30 AM Public Auction of Livestock, Farm Equipment, and Dairy Equipment Located 2½ miles east of Route 472, 3 miles southwest of 896 from Nine Points, 1½ miles southwest of Bartville, Just off Farmdale Road, Lancaster Co, PA Henry S Stoltzfus, Owner Diffenbach's Auctioneers

SAT FEB 25 - 10 AM Public Auction of Valuable 90 3 Acre Dairy Farm, Farm Machinery Located in Bainbridge, Rt 1 from Lancaster, take Rt 30 West to Rt 441 North 11 miles Edward & Sydney Shoop, Owners Kreider and Kline, Auctioneers

SAT FEB 25 9 AM Public Auction of Farm Machinery, Pickup Truck, Car & Tools Located approx 2 miles east of Stewartstown along Rt 851 Watch for signs Margaret M Schuman, Owner Bob & Tom Sechrist, Auctioneer

SAT FEB 25 10 AM Public Auction of Farm Machinery Located R D 1 Bainbridge, PA from Lancaster, take Rt 30 West to Rt 441, North 11 miles Edward & Sydney Shoop, Owners Kreider & Kline, Auctioneers

THURS FEB 25 - 10 30 AM Public Auction of Farm Equipment Located 2½ miles south of Kutztown, turn south at Hels's Chrysler Dealer onto Kemp St for 7/10 mile, turn left, go 5/10 mile just over railroad track, keep right at fork in road toward the village of Bowers for 1 mile Berks, Co, PA Melvin E & Blanche E Moyer, Owners Ralph W Zettlemoyer Auction Co, Inc, Auctioneers

SAT FEB 25 - Public Auction of Const Equip, Trucks, Trailers, and Misc items Located at the sale site adjacent to Ramada Inn off Rt 95, just south of the Phila, Int Arpt in Essington, PA Suburban Contractors Association, Owners

SAT FEB 25 Public Auction of a Full Line of Farm Machinery Located southwest of Waynesboro, PA on Hoover Mill Rd James M and Ada Eshelman, Owners Robert C Mullendore, Auctioneer

SAT FEB 25 10 30 AM Public Auction of Farm Equipment, Tractors, Pipeline Milker & Hay & Straw Located R D 2, Lebanon, 4½ miles north of Lebanon off Rt 343 Jacob & Ruth Bross, Owners Harry H Bachman, Auctioneers

SAT FEB 25 9 30 AM Public Auction of Farm Equipment Located along Rt 111 at WSBA Radio Towers, north of York, PA (1 mile north of Rt 30, turn north at Gino's Restaurant on Rt 111) Wilson Gladfelter, Owner Blaine N Rentzel, Auctioneer

SAT FEB 25 - 9 30 Consignment Sale of Farm Machinery located at 133 Rothsville Station Rd, Lititz, PA Sale by Binkley & Hurst Bros Inc C H Wolgemuth and Bob, Auctioneers

SAT FEB 25 10 AM Public Auction of 10th Annual Farm Equipment Sale Located Hunter's Sale Barn, Inc, Rt 276 Norman E Hunter, Parkes T Williams & Norman Hart, Auctioneers

SAT FEB. 25 - Public Auction of Horse Drawn Farm Machinery, Horses & Small Items Located 8 miles south of Williamsport, PA, near the blinking light (Rt 15) Levi Beiler, Owner Fraley Auction Co, Auctioneers

SAT FEB 25 - 10 AM Public Auction of Farm Machinery, Work Horse, Antique Furniture, Ear Corn, Carriage & Cart Located in Lancaster Co, PA, 18 miles east of Lancaster City along Rt 340 in the village of White Horse Amos F Beiler, Owner Steve Petersheim, Auctioneer

SAT FEB 25 - 2 PM Public Auction of a 76 acre Dairy Farm Located along Blue Lake Rd, 1 mile north of Reinholds Harry B & Dorothy M Martin, Owner John E & Paul E Martin, Auctioneers

SAT FEB 25 - Public Auction of a Full Line of Farm Machinery and Tools Located along Blue Lake Rd, 1 mile north of Reinholds Clifford G and Jane Martin, Owners John E & Paul E Martin, Auctioneers

TUES FEB 28 - 9.30 A.M Public Sale of farm machinery and tractors Located along Meadow Valley Road 1½ mile west of Ephrata By Edwin Horning and Sons Ralph Horst and Blaine Rentzel Auctioneers.

PUBLIC SALE

A COMPLETE DISPERSAL TOP FARM MACHINERY, ANTIQUES, HOUSEHOLD GOODS

The undersigned, discontinuing farming, will sell the following at public auction on the farm located on Flintville Road, York County, Pa. From Md. Rt. 136, take Prospect Road North to Ridge Road, right on Ridge Road to Flintville Road, right on Flintville ¼ mi. to farm. Coming South on Pa. Rt. 74 from Red Lion, Pa., turn left on Old Rt. 74, go ½ mi. to Lay Road, take Lay Road to Flintville Road, right on Flintville 2 mi. to farm. SIGNS WILL BE POSTED.

MONDAY, FEBRUARY 6, 1984

10:00 A.M. Sharp

ORDER OF SALE:

HOUSEHOLD ITEMS: 25" RCA color TV, youth bed, wardrobes, dressers, lamps, baby furniture, mirrors, swimming pool 24'x4' with 3 hp motor, sand filter & 12'x6' deck.

ANTIQUES: high chair, cane bottom chairs, rockers, stone jugs, 5 gal. blue glass jug, blacksmith tools, trapping supplies, wheat cradle, apple butter stirrer, horse hitches, ox yokes, mason jars, dated bottles & jars, frames, quilting rack, dresser, chairs, wooden wagon wheels, corn sheller, ice saw, etc.

FARM MACHINERY: Int. #986 diesel tractor/1900 hrs., cab, A.C., heat, dual Hyd., Int. #574 diesel tractor/2200 hrs., dual hyd., Int. #656 diesel tractor Model 2250, mounted loader, Int. #403 combine, 4 row 38" corn head, 13' grain head, Int. Cub Cadet tractor, Int. #540 4 bottom semi-mounted plow, Int. #55 chisel plow/harrow, Int. #350 10½' disc harrow transport, J.D. 12' spring tooth harrow, New Holland #890 chopper-1000 RPM/both heads, 2 New Holland #8 chuck wagons/10 ton roofs & triple beaters, New Holland Super 23 blower, New Holland #269 baler/thrower & acid applicator, Grimm hay tedder PTO, J.D. #840 hay rake, New Holland #489 9' hay bine, Int. #510 16 disc grain drill, A.C. #600 4 row no-till corn planter/monitor, 12' double cultipacker, 3 hay wagons, 2 grain wagons, Int. #1250 grinder-mixer/elec. scale, New Holland #518 spread New Idea, #323 corn picker, Century 8 row 3 pt. sprayer/150 gal. tank, J.D. #428 42' PTO elevator/grain drop & bale chute, Kelly hyd. 3 pt. log splitter, post hole digger 12" auger, Lincoln welder 180 amps, feed carts, elec. tools, shop tools, baler twine, oil wire, elec. fencers, nuts, bolts, Dillinger hammer mill, 10 hole hog feeder, work bench, show box, show halters, truck racks, wind breaker for Int. 656 tractor, etc.

TERMS: Cash or Approved Check (Credit reference from bank and proper I.D.)

Lunch served: Delta United Methodist Church Women's Asso.

Not responsible for accidents day of sale

Owners:
DONALD G. & PATRICIA D. FANTOM
Delta, Pa.
Phone: 717-456-5110

ABERDEEN SALES CO. INC.
Sale Managers & Auctioneers
P.O. Box C, Aberdeen, Md. 21001
Phone: 301-836-7590
734-7105 Night

PENNSYLVANIA DRAFT HORSE & MULE ASSOC. SALE

FEBRUARY 16, 1984

Blizzard date-February 17, 1984

Pennsylvania State Farm Show Building - Corner of Cameron and McClay Street, Harrisburg, Pa.

Tack - 9:00 A.M.
Horses - 12:00 noon

Terms - Tack and Draft Horse related items - 10% with maximum commission $50.00
Consignor checks mailed March 20, 1984.

Expect to have a load of good corn binder and ensilage cutters.

All horses will be cataloged to sell in sale.

Horses will be sold in order of consignment. Negative Coggins Test and Health papers within 6 month must accompany horses.

CONTACT FOR HORSE SALE

Elmer D. Lapp	Gail Biddle
Box 97 R.D. 1	Box 242 R.D. 1
Kinzers, Pa. 17535	Boalsburg, Pa. 16827
717-768-8177	814-466-6215

TURNER COMPLETE MILKING HERD DISPERSAL

Located on Rt. 414 in Agdensburg, Pa. 8 miles from Canton, 8 Liberty, 8 Blossburg, 18 Troy, 18 Mansfield, 35 Williamsport. Reason for sale Mr. Turner is going into veal operation.

FRIDAY FEB. 3

at 1:00 Sharp

58 - HIGH GRADE HOLSTEINS - 58

including 5 mixed bred cows.

Owner Sampler records:

Rolling herd average 12-27-83. 12802M 3.5T 446F

Sample of Cows I think you will like.

No. 2 proj. for 15,548M 542F
No. 22 proj. for 15,470M 457F
No. 35 proj. for 14,876M 579F
No. 13 proj. for 14,438M 524F.
No. 18 proj. for 13,406M 469F.

48 mature cows, 5 springing hfrs., 5 started calves. 7 cows fresh or close, 4 due March, 3 April, 3 May, 3 June, 2 July, balance in all stages of lactation. Interstate tested, preg. ex., inoculated for shipping fever, charts day of sale.

BARN EQUIP.

4 Due Laval magnetic milker units; Patz barn cleaner w/approx. 250' Chain; 54 show Ease tie rail stalls; 25 drinking cups; 1½" vacuum size w/all brackets to hold pipe line; DeLaval vacuum pump; Cow trainers.

Sale Mgr. Note:

Mr. Turner's decision to go to a veal operation has prompted this sale. You will find a good uddered herd with approx. 30 head 1st, 2nd & 3rd calf hfrs. I feel these cows will go home & make 2000 to 3000 lbs. more as Mr. Turner has had poor quality hay & silage & minimum amount of grain. No small items so be on time.

TERMS: Cash or Good check.

Catalogs
Sale Under Cover

Owners
JACK & MARY TURNER
Sales Mgr.
GORDON WOOD
Mansfield, Pa.
Phone 717-549-4901

Auctioneer
Arlow Kiehl

For the most in advertising coverage and preparing your sale.
Call Wood's Auction Service
Lunch Available

KLING'S AUCTION SERVICE
R. D. 1, Landisburg, PA 17040
tel 717-789-3883

DAIRY COW SALE

FRIDAY, FEBRUARY 3, 1984

12:00 Noon

Located at Kling's Sale Barn, 2½ miles N.E. of Landisburg, Perry Co., Pa., 15 miles North of Carlisle on Route 74:

60 HEAD OF HOLSTEINS

Approximately ½ are Registered - All are recently fresh or springing close.

Special Mention-

Clinton Camp Majesty- just fresh with her second calf & milking 80 lb./day - will classify well.

Sexation- first calf heifer fresh Jan. 1.

Fancy R Maple Heifer milking 65 lbs./day.

Grade Red & white Dam & Daughter Combination.

Some of the other Sires represented:

Harrisburg Gay, Kingway Elevation Very, Rocket Kemp, Fury Alert, Marquis Prince, Cumva Proud Performer.

Some animals with records.

Plus:

25 Fancy Grade Cows and First Calf Heifers that are just fresh and milking up to 80 lbs.

Health Charts.

V. ART KLING, Owner
Landisburg, PA. 17040
717-789-3883

Fred Naugle, Pedigrees

PUBLIC SALE

SAT., FEBRUARY 11, 1984

10:00 A.M.

Located at the farm of William M. Lee, between Meiserville and Mt. Pleasant Mills. Follow direction signs off Rt. 104 at Church of Christ.

HORSE DRAWN MACHINERY

Chrysler flathead 6 cyl. power unit w/P.T.O., approx. 60 h.p.; McCormick grinder-mixer w/10" mill; Case side tie baler w/cub motor, P.T.O. attach,; Superior 9 hoe drill w/fertilizer attach.; McCormick Deering triple action hay loader; McCormick Deering grain binder; McCormick Deering riding cultivator; old wooden wheeled cultivator; McCormick Deering No. 2 steel husker and shredder; Deering 5' mower; N.I. hay rake; N.I. manure spreader, new paint, good condition; Case 30" threshing machine; 2 section spring tooth harrow; Vulcan Hillside walking plow; Syracuse walking plow; 100 gal. field sprayer w/selector; one hole corn sheller; 2 wheeled road cart; portable wooden plank loading chute; 2 wheeled machinery cart w/brakes; old bob sled.

LIVESTOCK, HAY, STRAW & CORN

5 Holstein yearling heifers w/health charts; 1 - 3 yr. old Roan Gelding work horse, works off side, well mannered; 1 - 2 yr. old Percheron mare, never hitched.

Approx. 10 ton mixed hay; 5 ton straw; 5 tone ear corn.

SHOP EQUIPMENT, GUNS & SOME HOUSEHOLD

Portable cement mixer; L.C. McKnight & Son 10", 30" drum sander; barrel cart; Wards Power-Kraft B52 wood lathe; post drill; table saw; flat belts, assorted sizes; hand tools; alum. ext. ladder; line shafts and pulleys; buck saws; hay fork; step ladder; neck yokes; 2 set of buggy wheels; hog waterers; hen nest; Steelyard scales; jet pump w/hose; 20 glueing clamps; lard press.

William Moore & sons double barrel 12 ga. Savage model 170 30-30 cal. pump w/scope.

5 legged oak table; Perfection oil heater; Perfection oil stove; Shenandoah wood stove; Aladdin lamp; Maytag wringer washer; canning jars; and many items too numerous to mention.

TERMS: CASH LUNCH

Owners
MR. & MRS. WILLIAM M. LEE
R.D. 1, Box 158, Mt. Pleasant Mills

Bryan D. Imes, Auct.
R.D.2, Port Royal, Pa. 17082
Phone 527-2449

Owner, Auctioneer Not Responsible for Accidents

PUBLIC SALE

OF FARM EQUIP., TRUCK, ETC.

THURSDAY, MARCH 1, 1984

10:00 A.M.

DIRECTIONS: From Lancaster, Pa. take Rt. 501 north to Myerstown, turn right onto Rt. 422. Travel east approx. 2 miles (3rd crossroad), turn right onto Richland Rd., travel into Richland to R.R. crossing. Turn left onto Race St., travel north on Race St. to crossroad at Richland Menn. Church. Turn right onto Hickory Rd., go approx. ¾ mile to, 2nd farm. (Watch for sale arrows.)

3 TRACTORS

Massey Ferguson 1050, M.F. 180, M.F. 150 w/loader, M.F. #124 Baler w/thrower, M.F. #468 4 Row Corn Planter, M.F. #520 Disc, John Deere 7' Drill, IH #450 3 Bottom Trip Plow, Gehl #1090 Hay Bine, Gehl #400 Forage Harvester w/grass and corn head, Gehl #99 Blower, 2 Gehl #940 Silage Wagons (like new), New Idea Wheel Rake, New Idea Manure Spreader, New Idea 1 Row Corn Picker, Brady #722 Flail Chopper, Brady 7 Tooth Chisel Plow, 2 18' Hay Wagons w/metal Racks, McCurdy Gravity Wagon, Farmer Boy Gravity Wagon, Yellow Devil Weed Sprayer, Grain Drag, Cultipacker, Spring Rake, Grain Elevator, Dump Wagon, Flat Wagon, 2½ Ton Smoker Feed Bin., 3 pt. Scraper Blade, Platform Scale, 2 Berg Air Bags w/Fans, Cast Iron Water Troughs, Calculator herd Chart, Bag Wagon, Feed Carts, Asst. Nuts & Bolts, Hardware, Etc., 2 Wagon Loads of Small Items.

TRUCK

1972 Chevrolet C/20, ¾ Ton Pick-up, Kawasaki 250 cc Dirt Bike, 11' Sail Boat.

AUCT. NOTE: Don't miss this sale. Come spend the day with us.

Terms by:

NEIL ESHELMAN

Aucts., Sylvan B. Witmer, 933-5328

G. Harvey Weik

Refreshments will be served.

Not responsible for accidents.

No out of state checks will be accepted.

PUBLIC SALE

SAT., FEBRUARY 4, 1984

11:00 A.M.

MODERN FARM EQUIPMENT

HARVESTOR SILO

Located: R.D. #2, Palmyra, Lebanon Co. Pa. Between Lawn and Cambelltown, Along Patrick Rd. From Rt. 322 in Cambelltown go South on Rt. 117 to Patrick Rd. or North of Lawn take Lawn Rd., to Patrick Rd. (Look for sale arrows)

20x40 HARVESTOR SILO w/Tube Auger Unloader, 4430 JOHN DEERE TRACTOR Wide tires, Cab-air-radio w/Power shift.

1980 801 NEW IDEA 4-Wh. Drive UNI-TRACTOR

713S COMBINE HEAD (Floating Header Bar)

774 4-R. SILAGE HEAD (narrow row)

767 CHOPPER, (new knives, etc.)

744N SNAPPER ROW HEAD

818 COMBINE w/MONITOR

741 FAS-TACH THROAT

840 FAS-TACH THROAT

Note: Each piece to be sold as an individual piece.

Ford 6 B. 16" Semi-Mount Plow, 230 J.D. 24' wide Disc; 12' Brillion Cultimulcher; Bush Hog 10 Tooth Chisel Plow; 694 J.D. 6-row narrow Corn Planter w/fert.; IH 3 pt. 4-Row Culti.; 10 ft. Midwest Harrow; Brady 18' double tine harrow; Myers Hydro Snow Plow w/Bracket for J.D. 4430; 1209 J.D. Haybine; 18' metal rack bale wagon; N.I. 5-bar rake; IH baler Model 37 w/thrower; 717 N.H. Super chopper w/1-row corn head; Dion Blower; 2 Badger ensilage wagons w/tandem axles.

An Hydrous tank w/pump (fits 4030 to 4430) GT370 Model Dryer; 21' Mayrath Auger; 34' Mayrath elevator w/head spout & down spout; NI 198 8"x53' Auger (top drive); Kill Bros. bin wagon; power generator; N.I. 210 Manure Spreader; J.D. Hay Fluffer; Plus items not listed.

AUCT. NOTE-Equip. in excellent cond. NOT MANY SMALL ITEMS, BE PROMPT.

Lunch Available.

Sale By

DAVID M. & BRENDA D. GISH

C.H. WOLGEMUTH &
H. SHAFFNER, AUCTS.
PH. 665-5664

Public Auction Register

★★★★★ SHORT ★★★★★ NOTICE PUBLIC AUCTION ★★★★

76 acre dairy farm of

SATURDAY, FEB. 25, 1984

2:00 P.M.

Located along Blue Lake Road, 1 mile north of Reinholds, West Cocalico Twp., Lancaster County, Pa.

Large frame dwelling, 72 free stall barn, 32 stanchion milking area, 1250 gal Mueller milk tank, 20x60 stave silo w/unloader and bunk feeder, 11x46 concrete silo.

Watch for full listing on Real Estate in next week's issue.

Also selling full line of John Deere Farm Equipment

Auction by

HARRY B. AND DOROTHY M. MARTIN

215-267-7686

Auction conducted by

MICHAEL P. KANE, ATTY.

Auctioneers,

John E. and Paul E. Martin

VALUABLE & IMPORTANT PROPERTIES

D.H. Sharrer & Son, Inc., Debtor to be sold at

BANKRUPTCY AUCTION SALE

WED., FEBRUARY 15, 1984

at 10:00 A.M.

Location: Granite State Road, 3 miles E. of Gettysburg, Pa. on Route 30.

PARCEL NO. 1 (Subdivision announcement at sale)

All that certain tract in Straban Township, Adams County, Pa. Consisting of approximately 15 acres improved with 45' x 50' continuous poured concrete 85' tall automatic feed mill containing a Howe-Richardson IBM card batching system, 200 H.P. Clever Brooks boiler, 2-200 H.P. Hammermills, 250 H.P. pellet mill and a 4 ton mixer. Also in mill area, approximately 11 acres, there is a 35,000 bushel grain tank, 60 foot Howe-Richardson scales, 500 ft. of rail siding which provides rail service for a bulk blending fertilizer plant of approx. 2 acres and having approx. 1500 ton storage capacity. This is a cement block and wood structure with a non-corrosive roof. 2-ton Sackett blender, incoming-outgoing Sackett bulk-toter, 24,000 gal. liquid storage, payloader, fork lift and necessary equipment for application. Adjacent is a 40'x80; garage with additional 15'x60' parts room. Cement block structure is located on approx. 2 acres with 4-4000 gallon underground tanks with 2-pump fuel island. General garage equipment (air compressor, welder, press, crane, etc.) included.

PARCEL NO. 2

All that certain tract in Tyrone Township, Adams County, Pa. Consisting of approx. 5.5 acres, improved with Feed mill consisting of 2.5 acres, 2-40 H.P. Sprout Waldron pellet mills, 2-3 ton vertical mixers, 2-40 H.P. hammermills approx. 300 ton bin storage for feed and raw ingredients, a York-Shipley 125 H.P. boiler. Outside mill, 6-36' diameter grain bins with 2000,000 bushel capacity, 2 hoppered grain tanks with 6,000 bushel capacity, 4-1,000 bushel batch dryers with 1,000 bu hr drying capacity and 30 ton overhead load out tank. At entrance is 30'x70' 2-story central office building with 50' truck scales. Adjacent to feed mill is 3-story 12,000 sq. ft. frame building containing 5 marvel midget flour mills and wheat cleaner, scalper, shaker, midding duster, 2 bran dusters, grist stone, 3 ton screenings bin, 20 ton midds gin, 25 ton flour bin, and 25,000 bushel wheat storage. 3-story brick residence.

Terms of Sale - Inspection

Parcels to be sold individually and collectively for highest bid price. Sales Agreement and 10% of successful bid(s) due at sale in cash, cash equivalent or irrevocable bank letter of credit, to be escrowed (interest to the Buyer) pending full payment at settlement. Title to be good and marketable free of liens and encumbrances. Additional terms as set forth in sample Sales Agreement. For Sales Agreement, Plot Plan and physical inspection call 717-624-8249.

TUES FEB 28 - 10 AM Public Auction of Mules, Farm Machinery, Tools, and Household Goods Located in Centre Co., 1 mile south of Rebersburg, PA, ½ mile east of Smullton Ephraim E Beiler, Owner Mark Glick, Auctioneer

TUES FEB 28 9 AM Public Auction of Livestock, Machinery, & Household Goods Located in Mifflin Co., PA 1½ miles east of Belleville, PA Turn off Rt 655 at Big Valley Medical Center and watch for sale signs Mr & Mrs John J Peight, Owners Speicher Auctioneers

WED FEB 29 9 30 AM Public Auction of Horse Drawn Farm Machinery, 22 Head Holstein Heifers from Stoltzfus Herd, 6 Work Horses Located 1 mi north of Gap Stephen U Stoltzfus, Owner Steve Petersheim, Auctioneer

WED FEB 29 - 9 30 AM Public Auction of Farm Machinery, Draft Horses, Milking Equipment, Heifers, Household Goods, Sputnick & Ear Corn Located in Lancaster Co., PA, 1 mile northeast of Gap, 15 miles east of Lancaster City, 4 miles west of Rt 10 & 30 Jct Turn north off Rt 30 onto Umbletown Road, follow to sale Stephen U Stoltzfus, Owner Steve Petersheim, Auctioneer

MARCH

THURS MARCH 1 - 9 AM Public Auction of Dairy Cows and Farm Machinery Located on premises along Bowmansville Rd leading from Adamstown to Rt 625, from Bowmansville take Rt 625N under turnpike bridge, 2nd road left to T road turn left ½ mi to auction on right Clarence Weaver, Owner Randal V Kline, Lloyd Kreider and Roy Good, Jr, Auctioneers

THURS MARCH 1 9 30 AM Public Auction of Farm Machinery, Household Items & Antiques Located off Rt 15, 5 miles South of Dillsburg at County Line Rd, Turn West - 2nd farm on left or 3 mile North of York Springs Watch for Signs Mr & Mrs Marlin Pentz, Owners Blaine N Rentzel, Auctioneer

THURS MARCH 1 - 10 AM Public Auction of Farm Equipment, Trucks, etc Located Northeast of Richland, Lebanon Co, PA Neil Eshelman, owner Sylvan B Witmer, Auctioneer

THURS MARCH 1 - 10 AM Public Auction of Farm Equipment, Holstein Dairy Cows and Heifers Located 2 miles south of Honey Brook, PA Andrew K and Anna Ruth King, Owners

THURS MARCH 1 - 9 AM Public Auction of Holstein Dairy Dispersal and Farm Machinery Located along Bowmanville Rd, from Bowmansville take Rt 625 north under turnpike to second road left, to first road left, approx ¼ mile to auction on Rt Brecknoch Township, Lancaster Co, Clarence K & Susan J Weaver, Owners Kline and Kreider, Auctioneers

PUBLIC SALE

OF

MODERN FARM MACHINERY

Discontinuing farming will sell located 5 miles North of Waynesboro, Pa. & 7 miles south of I81 at Chambersburg, Pa. (Exit 5) on Route 316, east ¾ mile on Manheim Road.

FRIDAY, FEB. 3, 1984

at 9:30 A.M.

FIVE TRACTORS AND MACHINERY

Farmall 806 diesel tractor, W.F., P.S. radial rear tires, New paint, good condition; Int. 684 diesel tractor, W.F., P.S., 800 hrs., to be offered separately & together w/Int. 2250 Mount-O-Matic loader of quick attach buckets; chains; Int. 544 diesel tractor, W.F., P.S., selling w/Int. 2000 loader & 2 buckets; Massey Ferguson 65 gas tractor, N.F., P.S., good rubber; Farmall Super H tractor; tractor wheel & front weights.

Int. 700 5/16 automatic reset plow; Int. 450 3/16 automatic reset plow; Int. 5100 7/18 disc grain drill, used approx. 200 acres; New Holland 469 haybine; N.H. 258 rake; Pequea hay tedder, John Deere 336 baler w/thrower; hay savor applicator to be sold separately; N.H. 36 ft. elevator w/1½ HP motor; corn spout to be sold separately; 4-18 ft. hay wagons; white 5400 Plant/acre no till 4 row 30 in. corn planter w/monitor; Arts-Way self unloading 16 ft. forage wagon; Hustler 56 hopper blower; Better-Bilt 2100 liquid manure tank on tandem; New Idea 195 bu. 3 beater manure spreader; Cagle 3 pt. mounted field sprayer w/200 gal. poly tank; hydraulic pump; boom levelers, foam markers, used 1 season; J.D. trailer field sprayer w/200 gal. fiberglass tank, centrifugal pump; J.D. 88 8 ft. scraper blade w/end plates; Woods 3 pt. 72 in. rotary mower, 1 yr.; Shaver 3 pt. post driver; Foral 3 pt. post hole digger; Chop N Bed bedding chopper w/3 HP motor; 2 wheel spreader cart, cross conveyor to be sold separately; portable grain aerator; Gandy applicator

Century five star AC/DC heavy duty welder, New; Aircomaster cutting outfit of tanks; Duracraft HD swivel bench vise w/9 in. jaws; hydraulic floor jack; handy man jack; ½ HP double bench grinder; Craftsman hand grinder/sander; small metal press; Int. ¾ in. drive socket set, air tools; air tank; wrenches; binders; chains; cable; rope; New & used lumber; 30 ft. I beam; long & short lengths of heavy angle iron; 7½ HP elec. motor, not used since rewound; lawn roller for lawn tractor; oil, grease, cylinders, hoses, etc.

Metal round bale feeder; 6 wooden calf hutches; 275 gal fuel tank w/hand pump; approx. 25 gal. Hg. Iron; baler twine; barn fans; Fogmaster cattle fogger; fences; stakes; wire, etc.; large water trough; metal feed trough; mineral feeder; assorted bolts & nuts in organizer; 4 DeLaval milk meters; Agway breeding control center.

Glenwood wood furnace; Burnham 210,000 B.T.U. gas furnace; 40 gal. gas water heater.

10x40 tile silo

1970 white dump truck w/Cummins diesel engine, 36000 GVW.

Ditch witch double axle equipment trailer

ARVIN R. & DOROTHY E. RUDOLPH

Phone 717-762-9027

At the same time & place, the undersigned also discontinuing farming will sell;

Massey Ferguson 1105 diesel tractor, W.F. P.S., multipower, 1900 hrs.; tractor weights; M.F. 880 5/16 automatic reset plow; Athens 12 ft. chisel plow; M.F. 12 ft. transport disc; J.D. 8 ft. KBA disc; 12 ft. lever harrow; 14 ft. wooden drag; Brillion single roller cultipacker; New Holland 679 tandem manure spreader, like new; New Idea 2 row narrow 12 roll husking bed picker; Killbros 350 gravity wagon; N.H. 495 12 ft. haybine; M.F. 29 wheel rake; Hub 36 ft. elevator; 2 16 ft. hay wagons; flat bed wagon; 3 pt. stack mower; 4 row cultivator; barrel mount field sprayer; heater cab for M.F. 265; McCullough chain saw; 1 HP air compressor; 24 in. elec. fans; elec. fly killer; elec. fencer; etc.

Jacobsen GT 10 lawn tractor w/42 in. mower deck.

Auctioneers Note: The equipment from both of the above have been kept under roof and in fine condition.

TERMS: Cash - Not Responsible For Accidents.

J. LESTER & LORAINE E. HORST

Auctioneer:
Robert C. Mullendore
Clerk:
C.L. Metz

Lunch Rights Reserved

Public Auction Register

Closing Date Monday 5 00 P M of each week s publication

THURS MARCH 1 Mon thly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, PA

THURS MARCH 1 9 30 AM Public Auction of a Full line of Modern Farm Machinery, 9 Tractors, Produce, Etc Located in Muncy, PA Mr & Mrs Floyd Metzger, Owners Fraley Auction Co , Auc tioneers

THURS MARCH 1 Public Auction of Farm and Ir rigation Equipment Located 8 miles west of Shippensburg, PA, 1 mile north of Lurgan Paul Bert, Owner Ralph W Horst, Auctioneer

FRI MARCH 2 9 AM Public Auction of Farm Machinery Located at the Belleville Livestock Market

FRI MAR 2 10 A M Horse Sale at New Holland Sales Stables, Inc 12 miles east of Lan caster off Rt 23 in New Holland, Pa Abe Diffen bach, Manager

MARCH 2 and 3 FRI and SAT 10 00 AM 14th An nual 2 day consignment sale public auction Donald Scheese Farm, located Cohansey Freisburg Road, Elmer NJ Accepting con signments up to March 1 Blaine Rentzel and Clyde Wolgemuth, Auctioneers

FRI APR 27 6 PM Public Auction of 250 300 Head Heifers, all sizes Springing, Bred and Open Heifers, some registered Located at the Belleville Livestock Market

SAT MARCH 3 20th An nual Bart Twp Fire Co Located in Georgetown, on Rt 896, 7 mi south of Strasburg Local Auc tioneers

SAT MAR 3 - 10 00 AM Horse Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers

SAT MARCH 3 - 9 AM Public Auction of Farm Machinery, Truck, Blacksmith Shop Tools, Gasoline Engine and many Antique Tools Located at R D 1 Felton, York Co , PA Turn off Rt 24 north of Stewartstown, opposite Greer Chevrolet & proceed thru Cross Roads Boro approx 1 mile to place of sale on right Watch for signs Charlotte E Smith, Owner Bob and Tom Sechrist, Auctioneer

SAT MARCH 3 2 PM Public Auction of 58 acre Farm offered in 2 tracks Located South of Willow Valley Turn off Rt 272 on Byerland Church Rd on the corner of Byerland Church Rd and Radcliff Rd Pequea Township, Lancaster County, PA John M & Shirley A McMichael, Owner Robert E & Jeffrey R Martin & Frank L Steller, Auctioneer

SAT MARCH 3 - 9 AM Public Auction of Valuable Farm Machinery, Butcher Tools, Antiques & Misc Items Located between Red Lion & Freysville on the Prospect Rd From the square in Red Lion, go North on Rt 24 to the Rutters store Turn onto Prospect Rd approx 1 mile to sale Watch for sale signs John Rexroth, Owner Melvin Haines & Ralph Brenneman, Auc tioneers

SAT MARCH 3 10 AM Public Auction of Farm Machinery, 3 Tractors, Household Goods, Produce, Etc Located in Tur botville, PA Mr & Mrs Hershey Groff, Owners Fraley Auction Co , Auc tioneers

SAT MARCH 3 2 PM Public Auction of a Valuable 56 Acre Farm Located south of Willow Valley Turn off Rt 272 on Byerland Church Rd , farm along Byerland Church Rd and Radcliff Rd , Pequea Twp , Lancaster Co , PA John M & Shirley A McMichael, Owners Robert E & Jeffrey R Martin, Frank L Steller, Auctioneers

SAT MARCH 3 - 10 30 AM Public Auction of Tractors and Machinery Consign ment Sale Located at Goodrich Auction Service Rt 38 & 38B, Newark Valley, NY 13811

SAT MARCH 3 11 AM Public Auction of a 63 Acre Farm Located ½ mile South of the village of Weishample in Deep Creek Valley, 4 miles east of Hegins take Rt 125 to Deep Creek Rd and turn east to Weishample From I 80, Exit 35, take Rt 901 north to Deep Creek Rd and turn West to Weishample Watch for auction signs Verkie M Shadle, Owner George & Mike Deibert, Auc tioneers

SAT MARCH 3 Public Auction of Household, Farm Machinery, Livestock & Old Coins Located at Port Treuor ton, R D 1 Mr & Mrs Paul S Brubaker, Owners Bryan D Imes, Auctioneer

SAT MARCH 3 10 30 A M Consignment auction of new and used farm tractors and machinery at Goodrich Auction Service, Rt 38 and 38B on Newark Valley, NY 607 642-8688

TUES MARCH 6 10 AM Public Auction of Full Line of Farm Machinery, Hay and Straw Located 1 mi south of New Holland off of Rt 23, between Kinzer Ave and Brimmer Ave Ray and Linda Geissinger, Owners Jeffrey R and Robert E Martin, Auctioneers

TUES MARCH 6 9 30 AM Public Auction of Farm Machinery, Butcher ing Tools, Furniture and Antiques Located in Centre County, 7 miles East of Pleasant Gap (Bellefonte), PA, on Route 64 Clarence Korman, Owner Mark Glick, Auctioneer

TUES MARCH 6 9 30 A M Public Auction of Farm Machinery Mules and Heifers located at 2442 Creek Hill Road Lancaster Pa ½ mile West of Heller s Church Sale by Omar F and Sadie L Stoltzfus Frank and Paul Snyder Auctioneers

THURS MAR 8 - 10 30 A M Public Auction PA World Relief Heifer Sale 100 Head Located at the Guernsey Sales Pavilion along Rt 30 Wilmer Kraybill, Manager

FRI MAR 9 9 A M Public Sale of Farm Machinery at New Holland Sales Stables, Inc 12 miles east of Lancaster off Rt 23 in New Holland, Pa Abe Diffenbach, Manager

FRI MARCH 9 9 AM Public Auction of Machinery Located at Keister's Middleburg Auc tion Sales, Inc , Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selin sgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auc tioneers

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FARMERSVILLE AUCTION

TUESDAY, JANUARY 31, 1984

5:30 P.M.

In Farmersville, 3 mi. east of Brownstown, Lanc. Co., Pa.

GROCERY SALE

WE SELL ON COMMISSION

CALL **JOHN J. RUTT**
354-5095

PUBLIC SALE

FARM MACHINERY
WORK HORSES - MULES
ANTIQUE FURNITURE - TRACTORS

SAT., FEBRUARY 11, 1984
9:30 A.M.

Located in Lancaster Co., PA, 2 miles northeast of Strasburg. From Rt. 896 go east on Herr Road, 2nd farm left.

7 DRAFT HORSES
TROTTING MARE - HARNESS

1 pair Grey mares; pair of Roan horses; 6 yr old mare, 4 yr old Grey Belgium, 2 yr old Sorrell Belgium, full sisters; 2 pair young Sorrell mules; 6 yr. old Standard Bred Trotting mare; all well broke, sound; 7 sets heavy harness, bridles, collars, check lines, single/ double/ triple trees, 4/5/6 horse hitches

SPECIAL MENTION: 5 and 6 yr. old. Morgan & Saddlebred Cross. Full sisters.

FARM MACHINERY

Oliver 2 way plow, 16 in bottoms, John deere 24 blade disc harrow, Oliver 3 section spring tooth harrow, 2 - single roll cultipacker, John Deere 999 corn planter w/plateless corn hoppers, McDeering corn binder w/loader, 19 in Papec silage cutter, John Deere No. 5 - 7 ft mower w/engine, McDeering No 9 mower, 5 ft bar, New Idea crimper, Nicholson's tedder, New Holland 56 rake, New Holland 271 baler w/engine, 28 ft elevator, Mow conveyor, Myer's 100 gal 12 row boom sprayer, Superior grain drill, New Holland 202 manure spreader, John Deere manure spreader, Stoltzfus liquid spreader, Hollander transplanter, set tobacco ladders, 9000 tobacco lath, 2 Minnick tobacco presses, Stoltzfus 3 divider 609 tobacco press, weeder, 2 Wiard walking plows, John Deere 2 horse cultivator, 2 row cultivator, milk cans, **spring wagon, 3 Surge milker units,** 50 lb pails, magneto pulsators, SP 11 vacuum pump, Pickwick 2 way kennel doors, 10 Mason kennel gates, 4 in high cast iron livestock water trough; 15 Clay cow stalls; bobsled. Load of new tools.

TRACTORS

Oliver 99 on steel w/pulley, Deutz 56 hp 4 cylinder diesel, engine only, Huber tractor, chassis only, engines in good running condition, wagon load small items.

ANTIQUES - FURNITURE - ETC.

Jelly cupboard, cherry gate leg drop leaf table, baby crib coach, wooden spoke wheels, unusual in nice condition, grained dove tail wood box, grained high cloth cupboard w/drawers in bottom, old rocker, butcher tools, copper kettle, small items out of attic

Owner:
DAVID K. KING

Auctioneer:
Steve Petersheim:
717-786-4624

PUBLIC SALE

ANTIQUE HUBER TRACTOR,
FORD TRACTOR
HEAVY MECHANICS TRUCK &
SHOP TOOLS

SATURDAY, FEB. 11
10:00 A.M.

Located 1 mi west of Thompsontown along old Rt. 22.

Early 1930's "Huber" tractor, model H-S, A-1 cond.; Ford tractor, 3 pt. hitch, PTO; John Deere, 2 bottom plow; Lincoln, 373 AMP portable elec. welder; 10 T. hydraulic air jack; 10 T. hydraulic press; Barrett, brake lining rivet machine; 5 hp. Briggs & Stratton motor; lot of mechanics truck & shop tools.

TERMS - CASH OR GOOD CHECK

Owner,
EARL WAGNER

Ray Long, Auct.
Ph. 717-527-2405
or 717-535-5757

PUBLIC SALE

HORSEDRAWN FARM MACHINERY
WORK HORSES -
BUILDING MATERIAL
ANTIQUES - FURNITURE

THURSDAY, FEB. 2, 1984
10:00 A.M.

Located in Lancaster Co., PA, ¾ mile north of Bird-in-Hand on North Ronks Road. Turn north at Renninger's Antique Car Sales off Rt. 340.

4 DRAFT HORSES - HARNESS

2-9 yr. olds, 6 yr. old, and 4 yr. old sorrell, all well broke, nice horses in good condition; 4 sets harness; collars; bridles; lines; jockey sticks; single/double/triple trees; 4 & 6 horse hitches; spreader.

FARM MACHINERY

John Deere 2 way plow, 2 - 14 in. steel bottoms; John Deere KBA 20 blade disc harrow; 3 section spring tooth harrow; 2 John Deere corn binders w/loader, 1 for parts; 10 disc Superior grain drill; John Deere 999 Corn planter; grain bin; John Deere 4 bar rake; New Idea rake; flat bed wagon; Pequea manure spreader; New Idea No. 8 manure spreader; McDeering double cultipacker; 2 McDeering 2 horse cultivators; 1 horse shovel harrow; walking plow; flat bed wagon; Husky boom sprayer; poly tank; extension ladder; hay rack; 2 forecarts; 2 bale boxes; milk cans; platform scales; corn sheller; wheelbarrows; hog scalding trough; turning chain; binder canvas; pony cart; bobsled; hand tools; hoses; forks; shovels; brooms; silo pipe; pulleys; shafts; ropes; 4000 tobacco lath; mineral; milk scales; clippers; wagon load small items. 455 N.H. mower; N.I. Crimper; 323 N.I. corn picker.

USED BUILDING MATERIALS

Doors & casings; windows complete in frames w/storm sash; porch posts; all kinds of 2x4, 2x10, 2x8, 4x6 lumber; sinks; 2 bath tubs; commode; Myers well pump w/motor; White electric water heater; 2 pressure tanks; stainless steel chimney; light fixtures; plugs; switches; floor board; all in nice condition. Hyd. pump.

HOUSEHOLD GOODS - ANTIQUES - GUNS

Oak roll top bed; cherry bed; 5 plank bottom chairs, 2 dated 1834; Estate Heatrola stove; oak extension table w/8 boards; 2 piece waterfall bedroom suite; oak chest of drawers; oak swivel chair; old iron baby crib; meat grinder; sausage stuffer; meat slicer; wooden crib; cross cut saw; 2 - 22 rifles; 12 ga. shotgun.

OWNER:
ANNIE STOLTZFUS

Auctioneer:
Steve Petersheim:
717-786-4624

PUBLIC AUCTION

FARM EQUIPMENT

SAT. FEB. 11, 1984
at 10 A.M.

(1 mile East of Bangor Along the road to Richmond), in Bangor turn off Rt. 191 at the car wash onto Messinger St. go to Center St. then 1 mile toward Richmond, Northampton Co. Pa.

Ford 6600 diesel tractor w/3 pt., dbl. hydraulics, 1075 hrs. (nice); Ferg. TO-30 tractor; Farmall Super H w/new rubber; Int. #33 front end loader for same; White-Ford #150-3pt. three bot. pl. w/auto reset; 3pt. two bot 14" pl. Int., 12' transport disc; 9' dbl. roll cultipacker; Int. 16 single disc grain drill on rubber; MC 456 four r corn planter w/dry or liquid fert, also Gandy herb attach; NH 467 haybine; JD 336 baler w/ejector; (3) bale side wagons 2-8 ton 1-6 ton, including one w/Danco 8'x16' pipe sides; Int. 4 whl. dump trailer; Int. #16 forage harvestor w/one r corn head & sickle bar head; Reeders 20' bunk feeding wagon; Gehl #72 flail chopper; Brady two r stalk shredder; Int. 540 single beater pto manure spreader w/hyd end gate used 3 yrs; Farm Rite 200 trailer weed sprayer w/12 row boom; Farm Hand whl. type transport rake; 250 cap. chicken battery brooder; Acetylene outfit; Lincoln 225 amp welder; 2-poultry cooling tanks; poultry & turkey crates; cattle water tank; one hole c sheller.

Terms - Cash or check

Ordered by
LESTER P. REIMER

Conducted by
Ralph W. Zettlemoyer Auction Co. Inc.
(215) 395-8084
Refreshments Available

PUBLIC AUCTION

OF TRACTORS - FARM EQUIPMENT
IRRIGATION - TRUCKS

Location: Going from Smyrna, De. on Rt. 12 to Leipsic, turn right at 3rd crossroads. 1st farm on left.

SAT., FEBRUARY 4, 1984
11:00 A.M.

4230 John Deere diesel tractor (1676 hrs.), 1800-C Oliver gas tractor, Super 88 Oliver gas tractor, 995 New Holland combine with #962 W4 corn head & cab, #140 4x16" roll over Int. plow, 12' Brillion field cultivator with buster bar, 12' Int. mobile disc, 16' Brillion packer, Ferguson 10' chisel plow with buster bar, 4 section rotary hoe, 494 A JD planter with insecticide hoppers, Wilmar 6 ton bulk fertilizer body, speedy vive beater, 14 tyne grain drill, 4 row Oliver #623 front mount cultivators, 2 row Oliver front mount cultivator, Brillion 13' mulcher, funnel body wagon, 2 275 gal. fuel tanks on trailers, Ezee flow lime drill, 2 row spreader for bank fertilizer, 3 section wooden drag, hand pallet jack, 13.6x38 duals, 15.5x38 duals, 3 ph scoop, 4 gas heaters, misc.

IRRIGATION

Marlow 1000 gal. per minute pto irrigation pump, Berkeley 4" pump, 128 pieces 4"x40 wade rain, 67 pieces 6"x30" W.R., 17 pieces 5"x30" W R., 17 pieces 5"x40' W.R., 33 pieces 5"x40' stout pipe, irrigation pipe wagon, several hundred feet of 2" plastic pipe.

TRUCKS

1961 B 170 Int. truck with 16" grain body, 1966 Chevy truck with 14' dump grain body, 1955 GMC 100 pickup for parts.

ALSO SELLING

642 Int. rollover 4x16" plow, 2 row pull type JD corn planter, 2 row Oliver potatoe planter, 12' Howard rotovator.

TERMS: Cash or Approved Check.

Owner
JOHN HODUKAVICH

Sales Mgr. & Auctioneers
C.T. Scuse & Sons
302-653-7530 Lunch

PUBLIC SALE

HOUSEHOLD GOODS - ANTIQUES - DISHES
TOOLS - FARM MACHINERY
SATURDAY, FEB. 18, 1984
10:00 A.M.

Located in Lancaster Co., PA, 6 miles east of Lancaster City, 3 miles west of Leola at Bard's Crossing. 1 mile north of Rt. 23 on Snake Hill Road.

HOUSEHOLD GOODS
8 x 12 Little Red Barn

Oak bed; oak buffet w/mirror; cherry secretary desk; walnut library table; Hollywood bed; box spring & mattress; 4 plank bottom half spindle chairs; jelly cupboard; old bench; 2 iron kettles; Norg refrigerator; Westinghouse cook range; drop leaf table; blanket chest; trunk; 2 brass floor lights; agit top table; wooden magazine stand; sewing machine in wooden cabinet; **rag carpets;** hooked & braided rugs; crib; shaving stand; straight razors; tin boxes & cookie cutters; wooden commode w/drawer; unusual; horse & clock; wooden comb box dated 1874; 2 kerosene stoves; blanket chest.

DISHES - LINENS - ETC.

Linens w/needle work - some embroidered dates 1899; old nighties; all kinds of doilies; linen flour-sugar-& salt bags; old ladies shawl; 2 wooden ironing boards; hand towels; cookie jars; patch coverlet; 3 coverlets; **old Lancaster County Quilt;** old material; pink depression; salt & pepper; blue dishes; malted milk jars; earthen pie plates; cut glass punch bowl on glass stand w/cups, handed down 2 generations; crocks, some w/initials; many dishes not listed.

FARM MACHINERY - ANTIQUES

John Deere B tractor w/P.T.O. & hydraulics, good running condition; 7 ft. bar mower; flatbed wagon; 2 bottom trailer plow; New Holland 24 ft. elevator; New Holland 76 baler w/Wisconsin engine, needs work; Homelite weed eater; rototiller fits John Deere 110 tractor; 2 bar mowers w/Briggs engines, 1 like new; 1 horse shovel harrow; 2 row markers; potato ridger; unusual; 1 horse sleigh; platform scales; circular saw & extra blades; cross cut saw; pipe vise; 2 wagon seats; 4 hp Briggs engine; concrete mixer; 2 wooden wood clamps; scythes; **Conestoga wagon jack;** hydraulic floor jack; horse shoeing box; 40 ft. extension ladder; single ladders; 2 western pony saddles; 1 cavalry saddle; log chains; ropes; picks; fence posts; truck tool box; axes; wooden barrels & boxes; a lot of hand tools; car stands; more items not listed.

Auctioneer's Note: An opportunity to attend one where mostly everything is antiques & collectables.

Owners:
JAKE & ANNA STOLTZFUS
Auctioneer:
Steve Petersheim:
717-786-4624
Food On Premises

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

FRI MAR 9 - 1 30 PM State Graded Pig Sale Located at Carlisle Livestock Market, Inc , exit 12 off of I-81

FRI MARCH 9 - 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market, Inc

FRI MARCH 9 - 11 AM Public Auction of Farm Machinery, 4 IH Tractors, Etc Located in Howard, PA (Centre Co) Mr & Mrs Dean Dietz, Owners Fraley Auction Co , Auctioneers

SAT MARCH 10 - 9 AM Public Auction of 54 Head Holsteins, Dairy Equipment and Farm Machinery Located in Centre County, at the East end of Aaronsburg, PA, along Route 45 Malvin & Pauline Ream, Owners Mark Glick, Auctioneer

SAT MARCH 10 - Public Auction of Farm Equipment, Household Goods, etc Located approx 2 miles east of Myerstown between Richland and Millardsville, Lebanon Co Lloyd M Martin, Owner Weik & Witmer, Auctioneers

SAT MARCH 10 - 8 30 AM 16th Annual Gordonville Fire Co Spring Sale Public Auction of Machinery, Livestock, Antiques, and Quilts Located 10 miles East of Lancaster off of Rt 30 on Old Leacock Rd at the Gordonville Fire Hall Ron Funk & Local, Auctioneers

SAT MARCH 10 - 9 30 AM Public Auction of Real Estate, Antiques, Household Goods, Tools, and Coins. Located at 206 S Spruce St , Lititz, PA 17543 William & Anna Mary Bredthauer, Owners T Glenn Horst & Timothy G Horst, Auctioneers

SAT MARCH 10 9 30 AM Public Auction of Pickup Truck, Farm Machinery and Tools Located approx ½ mile east of Fawn Grove, York Co , PA along Rt 851 Watch for signs Margaret Norris, Owner Bob and Tom Sechrist, Auctioneer

SAT MARCH 10 - 9 AM Public Auction of Real Estate Farm Equipment and 3 tracks - 50 acres with farm buildings Located ¾ mile east of Hellam Township, York, PA Allen Miller estate Blaine Rentzel, Auctioneer

SAT MARCH 10 - 9 AM Public Auction of 4 Tractors, Full line of Farm Equipment, MF Model 750 Diesel Combine, Tools, Farm Supplies, Butchering Equipment & Some Antiques Located just 1 mile north of Littlestown, PA Turn off North Queen St at Wintrode Buick garage and go ½ mile to sale Mr & Mrs Percy G Sanders, Owners Calvin L Amoss, Auctioneer

SAT MARCH 10 - 8 30 AM Public Auction of the Gordonville Fire Co '& Ambulance Assoc 16th Annual Spring Sale Farm Equipment, Hardware, Tools, Livestock, Household Goods, Furniture, Antiques, Collectibles, Building Supplies, and Quilts

TUES MARCH 13 - 9 AM Public Auction of Farm Machinery, Farmall Tractors, 20 Head of Heifers and Antiques Located 2 mi east of Intercourse on 340 John L Zook, Owner Steve Petersheim, Auctioneer

FRI MARCH 15 - Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

THURS MARCH 15 - 10 AM Public Auction of Tractors, Farm Equipment, Trucks, and Clipper Seed Cleaner Located approx 1½ mile from Littlestown, PA , on Route 194 (Road from Littlestown, PA to Hanover, PA) turn onto Mehring Road and go short distance to sale site Mr and Mrs Wesley Ambrose, Owners Dennis J Plunkert, Auctioneer

FRI MARCH 16 - Public Auction of Full Line of Farm Machinery Located at RD 1, Blain, Perry Co , PA James Koser, Owner Kling's Auction Service

FRI MARCH 16 - 5 P M Public Auction of 65 Tractors and Trucks, Material, Small Items and Tools, Etc Located at the Kempton Community Center

FRI MARCH 16 - 6 30 PM Public Auction of Feeder Cattle and Feeder Pigs Located at Keister's Middleburg Auction Sales, Inc , Rt 555, 3 mi east of Middleburg, PA, 5 mi. west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

FRI MARCH 16 - Public Auction of Farm Equipment, Antiques and Household Goods Located along Red Run Rd , 2 mi northwest of Terre Hill, near the Red Run Campground Lloyd H Martin, Owner Nevin Martin, Paul Horst and Lowell Horst, Auctioneers

FRI MARCH 16 - Public Auction of Dairy Cows, Mules, Farm Machinery, and Household Goods Located at 361 Mount Sidney Rd , Lancaster, Witmer, PA David B and Naomik Smucker, Owner Frank and Paul Snyder, Auctioneers

SAT MARCH 17 Public Auction of Farm Machinery, and Misc Items Located at RD, Mechanicsburg, Cumberland Co , PA Robert Eppley, Owner, Kling's Auction Service

PUBLIC SALE

SAT., FEBRUARY 11, 1984
10:00 A.M.

Located 3 miles southeast of Strasburg from Route 896. Take Iva Road to Mt. Pleasant Rod. Sale located 1 mile south of Route 896 along Mt. Pleasant Road. Paradise Twp., Lanc. Co., Pa.

LIVESTOCK

43 head Holstein Dairy Cattle.

29 head Holstein Dairy Cows. Many fresh or close springers by sale day.

4 Bred Holstein Heifers.

7 Holstein Heifers from 9 mos. to 15 mos. old.

2 Holstein Heifers 7 & 8 mos. old.

All from high producing cows.

1 Bull, a Very Son.

1 pair of gray Perchon Draft Horses, 2 & 3 yrs. old, broke & ready to go.

2 white Perchon Horses, smooth mouth, one a real good brood mare all broke & sound.

FARM EQUIPMENT

LA Case tractor; Papec 16" enselage cutter; good conditon; Pequea 3 yr. old manure spreader, in good condition;

Oliver 2-bottom 14" gang plow; John Deere 2-bottom 14" gang plow, good condition;

Pittsburg 9" spring harrow, new in 1978; 9' steel roller; fore-truck with brake in good condition;

Fork hay tedder; tobacco press; weed eater; clean empty 30 & 55 gallon drums; harness; bridles; collars; lines; variety of single & double trees; forks; shovels; many small items not mentioned.

Dairying Equipment- Slanti Diesel, new in 1977, Dari-cool 500 gallon bulk tnak; Alamo milker; pump; Lehigh compressor, all in good working order; three DeLaval milking units; two strainers.

BENUEL S. & ANNIE ESH
Owners
Sale 10:00 A.M.
Diffenbach's Aucts.
Lunch Available.

PUBLIC AUCTION

VALUABLE 90.3 ACRE DAIRY FARM
FARM MACHINERY
SATURDAY, FEBRUARY 25, 1984
10 A.M.

Located Rt. 1 Bainbridge. From Lancaster take Rt. 30 West to Rt. 441, North 11 Miles.

This 90 Acre Farm of highly productive soil in Conoy Twp., Lanc. Co., Pa., has 85 Acres of tillable land, never failing spring in meadow, Road Frontage. Frame bank barn w/metal roof, 30 stanchions, 32 free stalls, 2 Harvestore Silos 20x70, 20x32 also 2 concrete stave Silos 20x60, 14x50. Tobacco shed holds approx. 18 acres. Implement storage shed & work shop, lrg. 3 car garage. 2½ story, 4 bedroom Log House w/Stucco, bath, oil hot water heat. Metal house roof, Stone Summer House, dinner bell.

Real Estate will be offered for sale at 2 PM. Machinery at 10 AM. Open House Sat's Feb. 4, 11, 18.

Terms -10% down sale day, balance due in 60 to 90 days. For complete details call Auctioneers 717-786-3394. Watch for full ad.

Sale by
EDWARD & SYDNEY SHOOP

Kreider & Kline Auctioneers

PUBLIC AUCTION

New Holland Sales Stables, Inc.
New Holland, Pa.

Tractors & Horse Drawn Farm Equipment-Supplies-Small Items

FRIDAY, FEBRUARY 10, 1984

SALE OF SMALL ITEMS 9:00 A.M. **FARM EQUIPMENT 11:00 A.M.**

— Bring A Load, Buy A Load —

New customers and out of state buyers must have current bank letter of credit with guaranteed amount or cashier checks.

A list of your sale items must be in our office by Jan. 24 to be included in our complete listing in the Jan. 28th issue.

Abe Diffenbach, Manager
For more information contact Abe Diffenbach or Norman Kolb at 717-354-4341

Next FARM EQUIPMENT SALE FRIDAY, March 2, 1984

PUBLIC SALE

BLAINE RENTZELS' AUCTION BARN
THURS., FEBRUARY 2, 1984
6:30 P.M.

LOCATED: 1 1/10 mile north of Manchester, Pa. along Rt. 181, turn right at White Rock. "Watch for Signs".

COINS & PAPER WEIGHTS

$5.00-$10.00 & $20.00 Federal Reserve Notes of various banks - (York National - 1st National Bank - Phila. - 1st National Bank Stewartstown - Farmers Red Lion - Doylestown).

$2.00 Notes w/Shrewsbury Post Mark, rolls of dimes, quarters, Halves, Buffalo nickels, 1851 - $5.00 gold, 1917 McKinley Gold Pa., National Currancy $10.00 (Mt. Joy - New York), 6 pc. International Mint, 41 pc. Franklin Mint 1st Ladies, 200-1943 White Lincoln Cents, 100 Buffalo Nickels, 83 Silver Dollars, Proof Sets 1956 - 57 - 61, Mint Sets 53 - 54 - 55, sheets of stamps, 1971 Eisenhower Silver Dollars - UN. Silver Dollars - 1889 - 1899 - 1902 - 1921 - 1922. Collection of 59 Paper Weights - Famous Men, Flower Designs, Money, Pictures & Colored.

TERMS — CASH OR GOOD CHECK w/PROPER ID.

BRING YOUR OWN LAWN CHAIRS FOR SEATS.

For Auction Room Sales:
764-6412 or 845-7877
Auction Room Ph. 266-1671
AUCTIONEER: Blaine N. Rentzel
Emigsville, Pa.
717-764-6412
Pa. Auctioneers Lic. #761

LARGE 2-DAY AUCTION

On THURS, FEB. 2, 1984 1 P.M. and FRIDAY, FEB. 3, 1984 at 10 A.M.

at Springetts Fire Co. Social Hall, 3013 E. Market St., York, Pa.

Antiques, collectibles, automobile, modern furniture, household goods.

Not responsible for accidents on day of sale.

Preview showing: Wed. eve. Feb. 1, 7 P.M. to 9 P.M. Doors open 1 hr. prior to sale time. Selling for 2 York Estates & others, lots to be sold, many fine items.

Jacob A. Gilbert, Auctioneer&Sales Manager

Public Auction Register

Closing Date Monday, 5 00 P M
of each week's publication

SAT. MARCH 17 - 9:30 AM Public Auction of Farm Equipment, Household Goods and Antiques Located between East Petersburg and Manheim, turn off of Rt. 72 on West Auction Rd , 1st crossroad left. Titus M , Mary H., Eugene N. and Donna J Nolt, Owners Robert E and Jeffrey R. Martin 656-7770, Auctioneers

SAT MARCH 17 - 9 A.M Public Auction of Farm Equipment, Tools and Small items Located at the Kempton Community Center 12 Auctioneers

SAT MARCH 17 - 9:30 AM Public Auction of Farm Machinery and Antiques Located at Chester Wilson Farm, approx 4 mi south of Strasburg, PA off Rt 896, take May Post Office Rd. south to Weaver Rd to Winter Hill Rd Chester and Anna Wilson, Owners Ron Funk Auctions

SAT. MARCH 17 - 9 AM Public Auction of 160 Acre Farm, Machinery, Dairy Equipment, Shop Tools and some Household Located in Mifflin Co., 4 miles NE of Milroy, PA, or 1 mile North of Siglerville, PA Mrs Elder Goss, Owner Mark Glick, Auctioneer

SAT MARCH 17 - Public Auction of Farm Equipment Located near Mendon, N.Y Saxby Implement Co., Owners. Ralph Horst and Blaine Rentzel, Auctioneers

SAT MARCH 17 - 9.30 AM Public Auction of Farm Machinery, Mushroom Equipment, Antiques, and a 1978 Apeco 28' Travel Trailer Located in Chester Co., PA, 1 mile north of New London, 10 miles North of Newark, 5 miles east of Oxford Turn north off Rt 896 onto State Rd. to 1st road right. Herman & Esther Bramble, Owners. Steve Petersheim, Auctioneer.

SAT MARCH 17 - 11:00 AM Eastern Shore Show Case Calf Sale. 50 registered Holstein calves and heifers. Located Hunter's Sale Barn Rising Sun, MD For more information contact Bob Knutsen Rising Sun, MD 21911

SAT. MARCH 17 - 10 AM Public Auction of Shop Equipment, Power and Hand Tools, Walnut Lumber, Guns, & Fishing Equipment Located 2606 Old Phila Pike, Bird-in-Hand, PA. 5 miles east of Lancaster on Rt. 340 between Smoketown and Bird-in-Hand Ruth G Kniss, Owner Elvin Siegrist and Alvin Miller, Auctioneer

MON MAR 19 - 9.30 AM Annual Consignment Auction of Farm Machinery M M. Weaver and Sons, Inc. Located 1 mile north of Rt 23 along Groffdale Road John and Paul E Martin, Auctioneers

MON MARCH 19 - 8 AM Public Auction of Hogs Located at the New Holland Sales Stables, New Holland, PA C L Stoltzfus, Chairman

TUES MARCH 20 - 10 AM Public Auction of Horse Drawn Farm Machinery, Horse, Mules and Heifers Located ¾ mi west of Gap along 741 Levi E and Mary Fisher, Owners Steve Petersheim, Auctioneer

TUES MARCH 20 - 9 30 AM Public Auction of Dairy Cows, Mules and Farm Implements Located at the corner of Peters Rd and Hollander Rd across from Zeltenreich Church. John M & Mary B. Ebersole Frank & Paul Snyder, Auctioneers

THURS MARCH 22 - Farm Machinery Consignment Auction. Located at RD 1, Landisburg, Perry Co , PA. Kling's Auction Service.

THURS. MARCH 22 & FRI MARCH 23 - Public Auction of Farm Equipment Located one mile East of Marion, PA Ralph W Horst, Manager

THURS. MARCH 22 - 11 AM Public Auction of Beef Located at the New Holland Sales Stables, New Holland, PA., C L Stoltzfus, Chairman

THURS MARCH 22 - 3 PM Public Auction of Sheep and Calves. Located at the New Holland Sales Stables, New Holland, PA , C L Stoltzfus, Chairman

FRI MARCH 23 - 7 PM and SAT. MARCH 24 - 9 30 AM Public Auction of Farm Toys Located at Historic Strasburg Inn. Second Annual Lancaster Farm Toy Auction, Sale and Show.

FRI MAR. 23 - 10 A.M Horse Sale at New Holland Sales Stables, Inc 12 miles east of Lancaster off Rt 23 in New Holland, Pa. Abe Diffenbach, Manager

FRI. MAR. 23 - 1 30 PM Dairy Sale. Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers

SAT. MARCH 24 - 9 AM Public Auction of Farm Equipment and Household Goods Located just off Kramer Mill Rd (Directions - PA Turnpike Exit 21 to Rt 272 South to Reamstown. Turn left at Dutchman's Diner to Main St Turn left and drive to Kramer Mill Rd) Allen H and Katie M Martin, Owners T Glenn Horst and Timothy G Horst, Auctioneers

SAT. MARCH 24 - 9 30 AM Public Auction of Consignment Machinery Located 2 miles south of Sellingsgrove on Rt. 35 Turn left at Blinker Light in the village of Kantz, 1 mile to sale. Look for auction sign Melvin Graybill, Owner Dale L Longacre & Mark J Jones, Auctioneers

SAT MARCH 24 - Inventory Reduction Auction for Pleasant View Farms. Tractors, Combines and Equipment Located in Montour Falls, NY Goodrich Auction Service, Auctioneers

PUBLIC AUCTION

*** BANKRUPTY #83-01564 ***

SATURDAY, FEB. 4, 1984

9:30 A.M.

637-647 West Centre St., Shenandoah, Schuylkill County, Penna.

TRUCKS: OFFICE EQUIPMENT: BEER ADVERTISEMENTS & EQUIPMENT: WAREHOUSE EQUIPMENT & TOOLS ANTIQUES: 12' x 15' PENN K D WALK-IN COOLER: MISC. ITEMS

Sale consists of: GMC Tractor - dual axle; Ford Truck w/refrigeration box; Ford Truck w/roll up doors on both sides; International Scout; Ford Truck w/Doors on back & sides of box; White Truck w/roll-up doors; Volkswagon Station Wagon; Dodge Hi-Cube Truck; Chevy Van Truck: **OFFICE EQUIPMENT** - National Cash Register; N.C.R. Billing Machine; Royal Electric Typewriter; Royal Manual Typewriter; Remington Rand Calculator; N.C.R. Calculator; Paymaster Checkwriter; A.B. DICK Mimeograph w/Stencil Outfit Maker; Filing Cabinets; Steel Storage Cabinets; Office Desks; Oak Swivel Chair; Office Chairs; Misc. Chairs; Paper Cutting Board; Rolodex File; Typerwriter Table; Bulletin Boards; Safe; Air Conditioner; Sears Kerosene Heater; Electric Heater; Misc. Small Office Items; **WAREHOUSE EQUIPMENT** - 12'x 15' Penn K D Walk-in Cooler w/4 Doors; Westinghouse Air Brake Air Compressor - Max. WP 197 lbs.; Yale 3000 Propane Forklift; Clark 2000 Gas Forklift; Coca-Cola Soda Machine Vendor; Coin Ice Machine; Ice Cube Maker #400; Pallet Floor Jack; Hand Trucks; 5' & 10' Steel Conveyors; Curve Conveyors; Double Coil Boxes; Beer Cooler on Wheels w/spigots; Kem Jet Pressure Washer; Platform Scale; 3 Small Air Compressors w/tanks; Metal Ice Beer Troughs; 15' Coal Conveyor on Wheels - Gas Powered; etc. **SHOP EQUIPMENT** - Forney Electric Welder w/Battery Charger; 3/4" Socket Set; Sun Engine Tester; Sun Distributor Tester; Diehl Grinder; 3/8" Parter Cable Drill; 1/4" Sioux Drill; Bench Vise; Hand Grease Guns; Air Pressure Grease Gun; Floor Jack; 5, 8, & 30 Ton Jacks; 1/2" Drill Press; Divilbiss Spray Gun w/regulator; Set of Bushing Drivers; Set of Stud Removers; 1 Ton Electric Chain Hoist; 2 Ton Manual Chain Hoist; Battery Charger; Grinding Stone; Anvil; Wheelbarrow; All Types of Hand Tools; Tire Changing Tools; Ladders; Metal Shelving; Asst. New & Used Tires; Fire Extinguishers; Porta Powers; Mechanic Creeper; Shovels; Push Brooms; Commercial Electrolux Sweeper; **MISC. ITEMS & ANTIQUES** - Neon Beer Signs; Paper Beer Advertisements; Clocks; Schlitz Wood Box - Mosler-Bohmann & Co., Cinncinnati, Ohio,; Lg. Toy Beer Trucks; Old Floor Model Radio; Tin Moxie Thermometer; Midland Personal TV; Ice Tongs; Ice Picks; Many More Items Too Numerous To Mention!

TERMS OF SALE: CASH or CERTIFIED CHECK on Day of Sale, NO OUT OF STATE CHECKS; Personal Checks only if known by Auctioneer.

Sale Ordered By:
ELLIS BRODSTEIN,
Trustee in Bankruptcy

Schultz Auction Service
Francis (Pete) Schultz, Auctioneer
717-695-3222

REFRESHMENTS AVAILABLE

GOOD'S AUCTION

111 N. Maple Ave. Leola Pa.
Hay and Straw Sales Every Wed.
At 12:00 Noon
FARM MACHINERY SALES
FIRST AND THIRD WED.
FEB. THRU OCT.
AT 9:00 A.M.
Loading Hours 8:00 a.m. To 6:00 p.m.
No Household Items
No Junk
No Out Of State Checks
Flea Market Stands Available
First and Third Wed.
At $3.00/$4.00

Goods Auction
111 N. Maple Ave.
Leola PA. 17540

PUBLIC SALE

OF
FARM EQUIPMENT
SATURDAY FEB. 25, 1984
9:30 A.M.

LOCATED: Along old Rt. 111 at WSBA Radio Towers, north of York, Pa. (1 mile north of Rt. 30, turn north at Gino's Restaurant on Rt. 111).

FARM EQUIPMENT

1966 Ford F600 truck w/grain & cattle sides w/hoist 2 speed rear, 21,000 GUW, 27,000 miles, Farmall 706 diesel w/2 pt. torque & narrow front, Farmall 656 diesel w/3 pt. & narrow front (both bought new on this farm), Massey Harris 444 w/3 pt. & Live PTO, Int. 700 4x16 semi mtd plow, auto reset, Int. 370 Transport disk, Int. #10 - 16 disk double w/fertilizer & grass & seed box, Int. 455 4 row corn planter w/dry fertilizer, Gandy boxes, disk & shoe openers, Brillion cultimulcher 12 ft., Brillion 12 ft. cultipacker, Brillion Wing Spring Harrow Transport, New Holland 271 Hay Baler w/PTO Thrower, Massey Ferguson Roto Bar Rake, New Holland 450 3 pt. mower, 2 Grove wagons w/thrower racks, 2 Gravity Bin wagons, New Idea 213 Single Beater PTO Spreader, New Idea 2 Row mtd. picker w/12 roll husking bed mtd. on 656, Massey Harris 82 combine w/12 ft. grain head (bought new), MF 4 Row 3 pt. culti., MH 2 row culti., J.D. 34 ft. elevator, Smoker 24 ft. elevator, gas & electric motors, John Deere disk harrow, 4 section Spring Harrow, Gehl 2 row stalk chopper, flat wagon, Grove dump trailer, 2 section rotary hoe, A.C. flail chopper, 3 pt. post hole digger w/9" auger - 12" auger for digger, 3 pt. 8 row field sprayer w/polyester tank, Lely 3 pt. fertilizer spreader, Clover seed sowers, platform scales, front & rear weights for Int. tractor, hydraulic cylinders, grain auger, used tires 15.5x38 - 13x38 - 13x28 & etc.

Standard gutter cleaner w/200 ft. chain & drive Universal milker pump, 2 Surge milker pails, wash tubs, 60 ft. single line glass insulated 1½ pipe line milker washer & 4 milker claws, milk cans - cow clippers, 2 feed carts, 2 cow mats, hoof nippers, barn fogger.

Portable air compressor, circle saw & frame, hand post drill press, post vise, anvil, coal or corn shutes, hay fork, rope & leather halters, show halters, bag truck, knife sharpeners, grinder, rope, belts (endless 50 ft.), log chains, pump jack, 300 gal. gas tank, scalding trough, forks, shovels, burlap bags, telephone poles, horse plow, black smith forge, shovel plow, horse culti., steel plates, pipe, moldboard & shears for Int. plow, bolts & misc. items found around a farm.

AUCTIONEER'S NOTE: Most of this equipment was bought new & kept in very good working condition & shedded.

TERMS: CASH OR GOOD CHECK ON SALE DAY.

Not responsible for accidents.

Auctioneer
Blaine N. Rentzel — Emigsville, Pa. — 717-764-6412
Wilson Gladfelter — R.D.#4 York, Pa. — 717-764-9338
Pa. Auctioneer's Lic. #761

PUBLIC AUCTION

VALUABLE FARM EQUIPMENT
SATURDAY FEB. 11
10:30 A.M.

Located app. 5 miles North West of Manheim Lancaster Co., Pa. Mastersonville Fire Co. grounds Mastersonville Pa.

The following Well Maintained Farm Equipment! Please Note Just a few small items, please Be Early.

1486 IHC tractor, with Cab A.M. F.M. Stereo, Radial tires front weights, liquid rear weight "1800" hours, John Deere 2440 Tractor Weights Front & Rear Heavy Front axel, 48 Loader for J.D. 2440.

V 2900 Martin Wet Spreader, 680 John Deere Manure spreader, 220 John Deere 18' ft. Disc with 300 gallon Walsh Inc. Sprayer, IHC 400 Air No Till Corn planter, John Deere FB177 Grain drill. Bush Hog Chisel plow, John Deere grain spiner, Gehl 99 Blower, Gehl 600 Harvester with Electric Knife Sharpener Electric controls on Spout and Header gear box, Corn head and pickup head, Super 69 New Holland Baler, New Holland Flail Chopper, 2 Badger Silage wagons & with hoops, 3 pt. Large Bale carrier, large Bale Rack, McCurdy 150 Bu. Gravity wagon.

Auction for
RONALD E. SHAFFER

E.M. Murry Assoc.
Auctioneers
Food by Mastersonville Fire Co. Auxiliary

E.M. Murry Associates
287 Lime Rock Road
Lititz, PA 17543
Elmer Murry 626 5244 626 2636
Richard Murry 626-8175 949 2280
Ken Miller 665-2073
Professional Auctioneers
Appraisers and Advisors
Since 1953

PUBLIC SALE

HORSE DRAWN FARM MACHINERY
DRAFT HORSES
MILKING EQUIPMENT

WEDNESDAY, FEB. 15, 1984
10:00 A.M.

Located in Dauphin Co., PA, 8 miles east of Millersburg, 2 miles northwest of Berrysburg. 2 miles north of Rt. 25 on Kessler Road.

MILKING EQUIPMENT

4 Deleval 55 lb. milker units; sterling pulsators; Surge 75 Alamo vac pump; Herdex breeding chart; silage and feed carts; 40 cow trainers; bed chopper, like new; cream seperator.

9 HEAD HORSES - MULES - HARNESS

Pair 10 yr. old registered Grey Percheons; 2 single 6 yr. old geldings, a black & a grey, bred and raised by owner; 3 smooth mouth horses; 2 sorrells, 1-17 hands top off side worker; 1 black pair 8 yr. old mules; all broke to work anywhere; 10 sets heavy harness; collars; bridles; extra collars; lines; etc.; single/double/triple trees; 8 horse hitch.

FARM MACHINERY

Oliver 2 bottom 14" trailer plow; John Deere KBA disc harrow; Pittsburg 3 section spring tooth harrow, 9 ft.; Perry harrow; 9 ft. single roller cultipacker; New Idea cutditioner; International No. 9 mower, 7 ft. bar; Nicholson tedder; 6 wheel Vicon rake; 275 New Holland baler w/engine; 2 flatbed wagons; 35 New Idea elevator; **John Deere 7000 Maximerge 4 row corn planter;** 323 New Idea corn picker; 2 grain bins; 1 on gear; corn drag; New Idea 206 manure spreader; Superior 13 disc grain drill; hydraulic unit on cart w/10 hp Wisconsin engine; platform scales; 200 gal. boom sprayer, fiberglass tank; A.C. 45 hp engine w/clutch; 106 Wiard walking plow; 1 horse shovel harrow; 2 round hay racks; 7 ft. iron livestock trough; 3 forecarts.

Wagon Load Small Items

Owner:
AMOS A. ESH

Auctioneer:
Steve Petersheim:
717-786-4624

Homemade Food on the Premises

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT MARCH 24 - Public Auction of Farm Equipment and Household Goods Located along East Farmersville Rd between Farmersville and Hinkletown John D and Rachel G Burkholder, Owners Nevin Martin and Lewis Groff, Auctioneers

SAT MARCH 24 - 10 AM Public Auction of a complete Farm Machinery Dispersal 30 head of Neba sired Holstein Heifers Located on Losy Rd Sussex Co , NJ, 10 miles northeast of Newton, NJ Barbara D Snook, Owner Col Fred R Daniel ' Auctioneers, Inc , Auctioneers

THURS MARCH 29 9 AM Public Auction of An nual Spring Machinery and Tools Located in Centre Co , at the West side of Rebersburg, PA Mel Stoltzfus, Owner Glick, Gibboney, Gilligan and Martin Auctioneers

SAT MAR 31 9 A M CONSIGNMENT SALE Const Equip , Trucks, Trailers & Contrs Equip to be held at Wall Stadium property, located on Rt 34 in Wall Township (Belmar/Manasquan area), N J Vilsmeier Auction Co , Inc

SAT MARCH 31 Public Auction of Farm Machinery and Misc Items Located at RD 1, Newport, Perry Co , PA Kenneth Schreiber Owner Kling's Auction Service

SAT MARCH 31 - 10 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Inc , Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

SAT MARCH 31, 1983 10 AM Public Auction of farm equipment, tools, furniture, ear corn, hay and numerous small items Located 1 mile southeast of Reamstown on Steffy Rd Elam W Nolt, owner Nolt & Witmer Auctioneers

SAT MAR 31 9 00 AM Consignment Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auc tioneers

SAT MARCH 31 - 11 AM Public Auction of Farm Machinery - Consignment Located in Sciota, PA , Seidof's, Owner

SAT MARCH 31 Public Auction of Const Equip , Trucks, Trailers, and Misc items Located at the Wall Stadium in Wall Township, NJ (Belmar/Manasquan area) Utility Contrs Assoc of NJ Inc , Owners

SAT MARCH 31 - 11 AM Public Auction of Household Goods, Anti ques, Power and Hank Tools & Garden Tractor Located in Chester Co , PA, 1 mile northeast of Honey Brook on Sypplee Rd Turn north at Rt 322 at east end of Honey Brook Anna M Baxter, Owner Steve Petersheim, Auctioneer

APRIL

THURS APRIL 5 - Mon thly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, PA

FRI APRIL 6 - 9 A M Public Sale of Farm Machinery at New Holland Sales Stables, Inc 12 miles east of Lancaster off Rt 23 in New Holland, Pa Abe Diffenbach, Manager

FRI APRIL 6 - 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market, Inc

SAT APR 7 - Public Auction of Full Line of Farm Machinery plus Holstein Heifers Located at RD 1, Landisburg, Perry Co , PA Jay C McCoy, Owner Kling's Auction Service

SAT APR 7 - 10 AM Public Auction of Farm Machinery, Antique Furniture, Dishes and Tools Located 3 mi north of Cochranville, PA, just off Rt 10 on Martin Rd Mrs Filmore Martin, Owner Steve Petersheim, Auctioneer

SAT APRIL 7 9 AM Public Auction of Real Estate, Coal Business, Equipment, and Antiques Located at the corner of Bethany Rd and East Fulton St , Ephrata Township, Lancaster Co , PA Milton Wanner, Owner T Glenn Horst and Timothy G Horst, Auctioneers

SAT APRIL 7 Public Auction of Third Annual Spring Auction for the Manheim Community Farm Show Located at the Farm Show building, Adele Ave , Manheim, PA Local Auctioneers

SAT APRIL 7 - Public Auction of Farm Machinery & Related Items Located 6 miles south of Richfield off Rt 104 Elwood C Flowers, Owner Bryan D Imes, Auctioneer

TUES APR 10 - 7 30 PM Easter Lamb & Goats Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auc tioneers

WED APRIL 11 - 3 PM Public Auction of Lamb and Goats Located at the Belleville Livestock Market, Belleville, PA B L Market, Owners, Mark Glick, Auctioneer

THURS APR 12 10 AM Public Auction of Rabbits 11 AM Public Auction of Lamb and Goat Kids Located at Keister's Middleburg Auction Sales, Inc , Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

FRI APRIL 13 - 7 P M Horse Sale at New Holland Sales Stables, Inc 12 miles east of Lancaster off Rt 23 in New Holland, Pa Abe Diffenbach, Manager

FRI APRIL 13 - 2 PM Public Auction of Spring Lamb & Goat Sale Located at the Carlisle Livestock Market, Inc Exit 12 off of I-81

SAT APRIL 14 - Public Auction of Farm Equipment, Tools, Tractors, etc Located along Valley Rd just off Hosler Rd , 4 miles W of Manheim, Lanc Co , PA C H Wolgemuth & Sons Annual Spring Sale, Auctioneers

SAT APRIL 14 - Public Auction of Feeder Cattle & Feeder Pigs Located at Port Treuorton, R D 1 Roy Martin, Owner Bryan D Imes, Auctioneer

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PUBLIC SALE

Discontinuing farming 1 mile north of Waynesboro, PA (Franklin County) off Route 997 onto Tomstown Road, first farm on left.

SATURDAY, FEB. 4, 1984

9:30 A.M.

5 TRACTORS, TRUCK & FARM EQUIPMENT

Massey-Ferguson #1105 D w/air cond, and heated cab, 1668 hrs., W.F. & M.P.; Case #580C Diesel Industrial loader tractor w/78" bucket, 670 hrs. and heated cab; M.F.#175 D, 1900 hrs., W.F. & M.P.; M.F.#180 D, 2605 hrs., tricycle, M.P.; M.F.#50 G; 1970 Chev. C50 truck w/350 V.8, 16" hyd. grain body, 37,500 mi. and 825x20 tires; New Idea #245 tandem axle 10 ton, 2 beater spreader w/hyd. gate, (1 yr. old); M.F. #880 hyd, reset 4x16" plow; Brillion 7' 3 pt. chisel plow; Amco 12' transport disc, (like new); Clark 8' pull disc; Chatt. 12' sgl. steel cultipacker; 8' and 9' dbl. cultipackers; 2-24 tooth wood frame harrows; John Deere FB-B 13x7 drill; A.C. #333 6 row no-till corn planter w/liquid tanks, (1 yr.); planter monitor, Papec forage harvestor w/2 row (narrow) head and windrow pick-up; N.H. #27 whirlfeed hopper blower; 9" pipe for 2 silos; New Idea #327 (30") 2 row corn picker, (like new); N.H. #33 flail chopper; 1-10 ton and 2-8 ton wagons w/Killbros #350 gravity bins; Arts-Way Dion 12 ton 16' tandem axle 3 beater P.T.O. wagon w/roof, (like new); N.H. #355 2 ton grinder mixer w/electronic scales, (like new); N.H. #273 baler w/hyd. thrower; Hesston #1090 9' haybine; N.I. 5 bar hay rake; 4 bale body hay wagons; N.H. 36' elevator w/2 H.P. elec. motor, (new); Hesston #4040 3 pt. hyd. stack mover; Cardinal 16' and Little Giant roll-away conveyors, N.H. 36' elevator, (damaged); J.D. #602 2 ton fert. spreader; Century 500 gal. fiberglass 2 wheel field sprayer; 3 pt. 6' scraper blade; Int. #355 power washer; Int. fast hitch 3 pt. convertor; 8' alum. pick-up cap and livestock racks; 950x16" 10 ply impl. tires, (new); 12.5x15" impl. wheel and tire; 12' farm gate; 100'2" plastic pipe; rear wagon chassis, (new); 1 axle tilt snow mobile trl; rubber tire wheel barrow; ground drive lawn sprayer; 21' S.S. milker 2" pipe; new and used steel pipe; baler twine; blacksmith forge; anvil; ropes; chains; pulleys; 2 chain hoist, S.S. and steel cable; burlap bags; scrap iron; hyd. floor jack; bagwagon; milk cans; heavy vise; many shop tools; ladders; 4 rolls snow fence; 50 gal. stl. drums; kettle furnace; iron kettles; grinder; stuffer; meat bench; seasoned oak, cherry and poplar lumber; elec. poles; 2 new 12' feed bunks; 4 galv. water troughs; 2 steel feed carts; ABS breeding wheel; Pro-lick tank; 2 feeder wagons; hay rack; forks; shovels and many other useful farm items.

AUCT. NOTE: Farm equipment in exceptional condition.

HAY, CORN, STRAW SILAGE & HOUSEHOLD

Alfalfa and mixed hay; 60 tons ear corn; 1000 bales straw (bale); silage in trench silo 24'x9'x60' (sold by ton); 2 bu. Conestoga alfalfa seed; Lawn Boy mower; 5 H.P. Roto-Tiller; Aladdin Kero-heater; elec. sweeper; 12'x14' wall to wall carpet; oak ext. table; oil lanterns; chairs; crocks; milk cans, and a few other household items.

TERMS: Cash day of sale. Nothing removed until settled for. Not responsible for accidents.

Owners:

H. ELMO & EILEEN ANGLE

Telephone: (717) 762-4992

AUCTIONEERS:
Edgar Stull & John Downin
CLERKS:
Richard Harshman & L. Downin

Lunch stand provided by Christian Home Bldg. Class

PUBLIC AUCTION

CONSIGNMENT SALE

TUES., FEB. 7, 1984

9:00 A.M. Sharp

Located on Rt. 472, 5 mi. S. of Quarryville 6 mi. N. of Oxford at Shaubs Auction Grounds in Kirkwood, Lanc. Co. Pa.

Sale of Hay, Straw, Grain & Firewood

Horses & Mules, Tractors, Mechanical & Horse-drawn machinery.

Building material, Locust posts

Buggies & carriages, New & used Chain saw parts. Air & elec. tools hand tools of all sorts. Milking equipment, compressors Vacuum pumps, Sputnicks, Milkers & washers. Truck load of Groc. & Salvage Groc. Load of fruits, vegetables, fish & oysters. Cousin with dry goods. Much more too numerous to mention. Bring a load, buy a load.

Receiving Feb. 6, & Feb. 7 till sale time
Guard on duty.

No out of state checks accepted with out Bank approval.

Sale order 9:00 A.M. Small items Groc. Dry Goods etc. 12 Noon Hay & Straw, Building Material, Machinery, Horses & Mules.

Sale by

KING'S AUCTION

KREIDER & KLINE AUCTION SERVICE

Phone 717-786-3394
or 717-733-1006

Lunch Available

200-300 HEAD SPECIAL HORSE SALE DRIVING & WORK HORSES

FRIDAY, FEBRUARY 3, 1984

Tack 9:00 A.M.
Sale 10:00 A.M.

AT NEW HOLLAND SALES STABLES, INC.

12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa.

1 Load Work Horses consigned by Jim Howard
1 Load Work Horses consigned by Billy Meadows.
2 Loads Work Horses consigned by Ward Wright.
1 Load Work Horses consigned by Christ Smucker.
1 Load Work Horses and Mules consigned by Norman Kolb.
1 Load Standardbred Driving Horses consigned by Jonas Beiler.
1 Load Standardbred Driving Horses consigned by Clayton Waterbury.
1 Load Standardbred Driving Horses consigned by Reuben Stoltzfus.
1 Load Standardbred Driving Horses consigned by Levi B. Stoltzfus.
1 Load Work Horses consigned by Donald Mason.
Plus many more consignments.

For more information contact:

Abe Diffenbach, Mgr. 717-354-4341
Norman Kolb 717-397-5538

Next Horse Sale
Friday, February 17, 1984
at 10:00 A.M.

14th ANNUAL CONSIGNMENT SALE TWO-DAY PUBLIC AUCTION

Donald Scheese Farm
Cohansey-Friesburg Road
R.D. 3 Box 288
Elmer, N.J. 08318

FRIDAY, MAR. 2, & SAT. MAR. 3, 1984

10:00 A.M. Sharp

Tractors To Be Sold On Friday
Tractors, Combines, Trucks, Implements, All Types of Farm Equipment.
Receiving Equipment Up To Mar. 1, 1984
For Information Call 609-455-3462
or 609-769-4025
Watch For Ads With Complete Listing Before Sale Time

AUCTIONEERS:
Blaine Rentzel
Clyde Wolgemuth

LUNCH AVAILABLE

STONEHURST FARM INC.

HORSES & MULES FOR SALE

75 HEAD IN OUR STABLE!

(Transportation)
Call us and ask when the van will be in your area to pick up Amish — We will be in your area once a week.

PRIVATE SALE Everyday

We Have Service Age Bulls From Top Record Dams

Heifers & Cows Due Soon

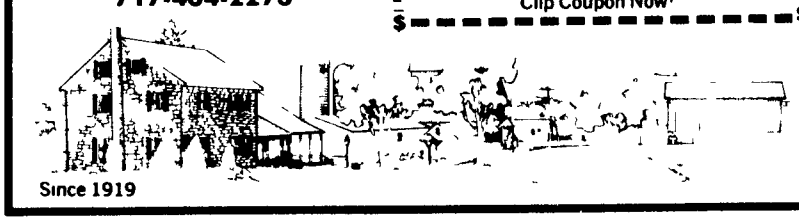
CALL US NOW FOR YOUR NEEDS

PRIVATE SALE Everyday

Donald & Harold Welk
Stonehurst Farm, Inc.
Box 116 Lime Valley Road
Strasburg, PA 17579
717-687-7475
717-464-2273

Coupon
$50.00
Good Toward Private Sales Only — Jan -Feb 1984

Bring this coupon to the farm After you buy we will give you $50 00 off your bill on every 2 head of what ever you buy
$25 00 off on one —
Clip Coupon Now!



Since 1919

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

THURS APRIL 19 & FRI APRIL 20 - Public Auction of Farm Equipment Located one mile East of Marion, PA. Ralph W Horst, Manager

FRI APRIL 19 - Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

FRI APR 20 - 6.30 PM Public Auction 'of Feeder Cattle and Feeder Pigs Located at Keister's Middleburg Auction Sales, Inc., Rt. 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

SAT APR 21, 1984 - 18th Colonial Charolais Spring Sale Located at Frederick Fairgrounds, Frederick, MD Colonial Charolais Association Sponsors Garey Cattle Sales, Inc , 100 Walnut Lane, Mor risville, PA, Managers

SAT APRIL 21 12 30 PM Public Auction of Lawn & Garden Equipment Located along Grist Mill Rd , Martindale, PA Lawn Care of PA Daniel Z Mar tin & Son, Owners Kline & Kreider, Auctioneers.

FRI APR 27 - 6 PM Public Auction of 250-300 Head Heifers, all sizes, Springing, Bred and Open Heifers, some registered Located at the Belleville Livestock Market

FRI APR 27 - 1 30 PM Dairy & Heifer Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers

SAT. APR 28 - 10 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

SAT APR 28 - 7 00 PM Club Lamb & Shoats Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auc tioneers

MAY

THURS MAY 3 - Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, PA

FRI MAY 4 - 7 P M Horse Sale at New Holland Sales Stables, Inc 12 miles east of Lancaster off Rt 23 in New Holland, Pa Abe Dif fenbach, Manager

FRI MAY 4 7 00 PM Feeder Cattle & Pig Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers

SAT MAY 5 - Public Auction of Feeder Cattle, Load of Hardware & Load of Fresh Produce Located at Port Treuorton, R.D 1 Aaron Brubaker, Owner Bryan D Imes, Auctioneer

FRI MAY 11 - 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market, Inc

FRI MAY 17 - Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

FRI MAY 18 6 30 PM Public Auction of Feeder Cattle and Feeder Pigs Located at Keister's Middleburg Auction Sales, Inc , Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

FRI MAY 25 7 00 PM Dairy Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers

SAT MAY 26 10 A M Grade Heifer Sale at New Holland Sales Stables, Inc 12 miles east of Lan caster off Rt 23 in New Holland, Pa Abe Diffen bach, Manager

SAT MAY 26 - 11 AM Public Auction of Horses Located at Keister's Mid dleburg Auction Sales, Rt 555, 3 mi east of Mid dleburg, PA, 5 mi west of Selinsgrove, PA. Don and Walt Keister, Owners Ray Long and Dave Imes, Auc tioneers

JUNE

THURS JUNE 7 - Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, PA

TUES JUNE 5 11 AM Public Auction of 55 Fresh and Close Holstein first Calf Heifers Located at Ulysses, Potter Co , PA, on the Loucks Mills Rd Watch for arrows on Main St Rt 49 Perry Pirrung Sales, Owner

FRI JUNE 8 - 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market, Inc

FRI JUNE 15 6 30 PM Public Auction of Feeder Cattle and Feeder Pigs Located at Keister's Mid dleburg Auction Sales, Inc , Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

FRI JUNE 21 - Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt. 550 in Frederick Co

FRI JUNE 22 - 7 00 PM Dairy Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers

SAT JUNE 23 - Colonial World Class Sale 2 Located at Adams Charolais Farm, Springfield, OH Sponsored by Colonial Charolais Association Managed by Garey Cattle Sales, Inc , 100 Walnut Lane, Morrisville, PA 19067

PUBLIC AUCTION

DEEP CREEK VALLEY FARM

SATURDAY, MARCH 3, 1884

at 11:00 A.M.

½ mile South of the Village of WEISHAMPLE in Deep Creek Valley; 4 miles East of Hegins; take Rt. 125 to Deep Creek Road and Turn East to Weishample; from I-81, Exit 35, take Rt. 901 North to Deep Creek Road and turn West to Weishample (watch for auction signs)

63 ACRE FARM

Approx. 55 Acres Tillable

10 Room 2½ Story Frame Dwelling with Bath and Coal Hot Air Heat. Frontage on Paved Township Road; Close to State Gameland, Good Hunting & Fishing in Area! Deep Creek, a Trout Stocked Stream, flows through this farm.

If you are in the market for a COUNTRY PROPERTY, you will arrange your financing now so that you will be prepared to bid and buy at the auction!

TERMS: 10% down the day of sale, further terms and conditions to be announced when real estate is offered at 11:00 A.M.

FOR INSPECTION of Real Estate or inspection of Survey Draft CALL: (717) 682-3951 or (717) 425-3313.

VERDIE M. SHADLE, Owner

John T. Pfeiffer, III, Esq.
Pfeiffer, Brown & Baldwin, Attorneys

DEIBERT George & Mike Auctioneers (717) 425-3313

PUBLIC AUCTION

MODERN FARM EQUIPMENT; HOUSEHOLD GOODS BUTCHERING EQUIP. & ANTIQUES

FRI. FEB. 10, 1984

at 9:30 A.M.

Between (Hamburg & Shartlesville), turn N. off I-78 & Shartlesville exit, follow Mt. road approx. 2 miles to farm, in Upper Bern Twp, Berks Co. Pa.

FARM EQUIP.

AC 185 diesel tractor, 3 pt., cab, air, 620 hrs; 2-AC-D17 tractors; AC-WD- 45 tractor; 2-WX tractors one w/culti; Ford 8N tractor w/Sauder loader; NI #702-U6 Uni tractor w/710 combine; 726 w r husker, 711 grain head, 720 husker snapper, 766 windrow pick up & 762 w r silage head; Oliver 565 four bot 14" semi mt. spring trip pl; Case 7' 3pt. chisel pl; AC 8' transport disc; 10' roller harrow w/inside frame tires; AC four r c planter; JD-FB-17 dbl. disc grain drill w/fert, & grass seed attach; NI Cut-Ditioner; NH 56 rake; NH 315 baler w/thrower; 3-16' bale side wagons, one is metal w/w track running; gear; AC forage wagon; Calhoun forage wagon w/8 ton running gear; NH 352 grinder mixer; Int. #10 mixer wagon; NI 30' bale elev.; 22' bale elev; Ford 3pt. pto hopper blower; AC rubber belt silage blower; AC 7' mower; MC one r c husker; 3 pt. rear scoop; 3 pt. post hole digger; 3 pt. 5' rotary cutter; 10' lime drill; 10' two wheel trlr; Unico 10,000 watt pto transport generator; Gruber hay flat w/cut down to rubber running gear; Papec hammer mill; 6" endless belt; feed chest & cart; 4-rd. hog self feeders; pile of PVC 2" plastic pipe; pile of 4" ci pipes; pulley c sheller; tractor tire chains; cases of grease cartridges; seed corn; baler twine; mineral feeder; sm. air compressor; ½ HP bench grinder; sm. table saw; welding table; Lincoln 225 amp welder; AC Big 10 riding mower tractor; Dynmark 8hp riding mower; cement mixer w/motor; 3/4" socket set; work bench; 6" swivel vise; lg. chain block; lg. builders screw jack; saw buck; western horse & pony saddles; dbl. & single trees;

BUTCHERING EQUIP. & ANTIQUES

scalding trough; ½ hp sealed unit meat grinder; Wellsaw for splitting; DO - ALL butcher band saw; sausage stuffer; ci butcher kettle; gas burner for same; one kettle butcher stove; rd. 40" butcher block; 3'x5' butcher block; 30lb. hanging butcher scale; lot of metal tubs; scrapple dishes; meat hooks, & butchering knives; sm. wooden tub; butcher bench; 26"x31"x42" safe signed P.H. Bricker; 3pc. wdn porch chr. set; picnic table & benches; quilting frame w/legs; treadle sewing machine; stenotype machine; wooden egg crate; threshing flail; sq. oak ext. table; rd. oak ext. table w/5 boards; rope bed; 2- oak ornate dressers; oak ornate bed; press back platform rocker; windsor style rocker; marble top dresser; mirror back oak side board; ornate iron parlor heater; dry sink w/lid & raised panel drs; 6- half spindle back plank seat chairs; glass butter churn; record cabinet; pic. frames & mirrors; lanterns; ci dog; banjo; lg. glass jugs; barn framing drill; single driving harness; 5 - 4' hex signs; 2-flat ton desks one typewriter style; Hotpoint auto washer & dryer 3 yrs. old; Hotpoint elec. stove; phonograph record layer; radio & record player comb; cellar refrig. plus farm hand tools, dishes & many, many items not mentioned.

SALE ORDER — small hand tools-1st, leading into butchering equip. & household goods & antiques, farm equip. approx. 1 P.M.

TERMS - Cash or check

Ordered by
MRS. (WOODROW) ELVA WERLEY

Conducted by
Ralph W. Zettlemoyer Auction Co. Inc.
(215) 395-8084

Refreshments available

SEIDOF'S

FARM MACHINERY-CONSIGNMENT AUCTION

SAT. MARCH 31, 1984
11:00 A.M.

Sciota, PA
Call 717-992-4611

FEATURING FIRST AND THIRD MONDAY EACH MONTH

GRADED FEEDER PIG SALE

1:30 p.m. Sharp!

Telephone 302-734-2016 or 284-4541
Tele-O-Auction - 302-284-4912

* Tele-O-Auction - Bid over the telephone.
* Easy to reach - Rt. 13, on South Bound Lane, approximately 10 miles South of Dover, Delaware.
* Quick Service - Load & Unload.
* No Dealer pigs
* Pigs received after 7 a.m. until 11 a.m.
* Consignors - Paid day of sale.
* Veterinarian inspection on premises - Dr Towers.
* State Graded.
* Pseudorabies Free State.

Auctioneers-Harry Barrett - Chester Lee Carroll

AUCTIONS OF ALL TYPES

PUBLIC AUCTION

CONSTRUCTION EQUIPMENT
CARS, TRUCKS, LOADERS, ETC.

FRIDAY, FEBRUARY 10, 1984

11 A.M.

FELTON, DELAWARE

Attention Contractors & Equipment Dealers
Consignments are now being taken.

Consign Now

Call or write us for consignment forms.

Chester Lee Carroll — Harry Barrett, Jr. Sls. Mgr.

P.O. Box 307, Felton, Delaware 19943
302/284-4911 — 302/284-4541

Carroll's Sales Co., Inc.

P O Box 307 Felton Delaware 19943
302/284-4911 — 302/284-4541

Amos & Emma Zimmerman

ABSOLUTE PUBLIC AUCTION

"Everything selling to the highest bidder"

FULL LINE OF FARM MACHINERY

SAT., FEBRUARY 11, 1984

9:30 A.M.

Located on the farm along Cider Mill Road, approximately 2 miles south of Ephrata, PA. Take Route 322 South of Ephrata, Pa. to Cabin Road to Farm. Watch for arrows.

#705 Uni System Diesel, #767 New Idea super chopper, #735 New Idea snapper head, #763 New Idea 3 row narrow corn head, #761 New Idea pickup head, #1469 New Holland haybine, #722 Brady chopper, King-Wyse 28 foot elevator, 4 inch by 16 foot auger, McCormick Model MF 16 disk grain drill, Massey Ferguson hay rack, #99 Gehl blower, #78 New Holland super hayline baler, Mohawk 7 tooth chisel plow, Flat bed farm wagon, 2-11 foot cultipackers, 5 h.p. tank model air compressor, Coates tire changer, #225 Lincoln electric welder, Platform scales, heaters, 4000 tobacco lathe, Good assortment of walnut lumber and other, Lots of small miscellaneous tools, log chains, etc.

John Deere Equipment:

#4020 John Deere tractor w/power shift (diesel). Good rubber, #1250 John Deere 6 row corn planter, John Deere 4 bottom 16" trip plow, John Deere 3 section spring tooth harrow, #54 John Deere manure spreader w/hyd. tail gate, John Deere A.W. disk harrow, John Deere 3 pt. tool bar, 2 #125 John Deere chuck wagons, with roofs.

TERMS: Cash or approved check.

Homemade food served

Sale by:
AMOS W. & EMMA M. ZIMMERMAN
717-733-4020

Auction Conducted By The
J. Omar Landis Auction Service
Jay M. Witman
Box 501, Ephrata, PA 17522
717-627-0789 or 665-5735

"Our Services Are Often Copied, But Never Duplicated"

DEALER IN ALL KINDS OF LIVESTOCK

Also Crippled & Down Cattle

MARLIN S. IRWIN

Quarryville, PA
PH: 717-786-3016

AUCTION

Collection of China, glassware & Civil War items - R.S. Prussia, Limoges, Beleek, Noritake, Nippon, Austrian, English at

Bel Air Auction Galleries, Inc. 13 Ellendale St., Bel Air, MD (Off Rockspring Rd., MD Rt. 24, MD 24 is off I-95) On

SATURDAY, FEB. 4, 1984
AT 6:00 P.M. Sharp
William H. Amoss, Auctioneer
(301) 879-7272

Public Auction Register

Closing Date - Monday, 5 00 P M
of each week's publication

SAT JUNE 23 - 10 A M Registered Heifer Sale at New Holland Sales Stables, Inc 12 miles east of Lancaster off Rt 23 in New Holland, Pa Abe Diffenbach, Manager

SAT JUNE 30 - 11 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Inc , Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

JULY

THURS JULY 5 - Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, PA

FRI JULY 6 - 7 P M Horse Sale at New Holland Sales Stables, Inc 12 miles east of Lancaster off Rt 23 in New HollandPa Abe Diffenbach, Manager

fri JULY 13 - 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market, Inc

FRI JULY 19 Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

FRI JULY 27 7 00 PM Dairy Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers

AUG

THURS AUG 2 - Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, PA

FRI AUG 16 Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

FRI AUG 24 7 00 PM Dairy Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan Auctioneers

SEPT.

THURS SEPT 6 - Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, PA

FRI SEPT 7 7 00 P M Holstein Promotional Sale at New Holland Sales Stables, Inc 12 miles East of Lancaster off Rt 23 in New Holland, PA Abe Diffenbach, Manager

SAT SEPT 10 9 AM Public Auction of 78 Acre Farm and Personal Property located south of Selinsgrove, PA on Rt 35 for 9 mi to intersection of Rt 35 and 104 (at blinking light) in Mt Pleasant Mills Then make a left turn on Rt 104 south and go ¼ mi to sale Estate of Frank Leach Dale Longacre and Wayne Hoffman, auctioneers

TUES SEPT 20 1 PM Public Auction of First Calf Holstein Heifers Located 3 mi north of Chambersburg, PA Gerald and Eddy Hammond, Owners Ralph W Horst, Auctioneer

TUES SEPT 20 1 PM Public Autıon of Farm Equipment and Vehicles Located I-90 East exit 4, Slingerlands, Rt 85 south to Exit Krumkill Rd , turn right and proceed 1 mi to auction site on left Uncle Sam Auctions, Inc

TUES SEPT 20 - 1 PM Public Auction of Cattle Located at Hammondale Acres Farm, 3 mi north of Chambersburg, PA, 1 mi south of Letterkenny Army Depot, Gate 1, between Cheesetown and Salem Church along Funk Rd Gerald and Eddy Hammond, Owners Ralph W. Horst, Auctioneer

TUES SEPT 20 - 5 PM Public Auction of Antiques, Collectibles and Household Goods Located at 2 E. Main St , Adamstown, PA. Larry Pryor, Owner T Glenn and Timothy G Horst, Auctioneers

TUES SEPT 20 - 7 PM Public Auction of Antique Guns Located at Treadway Inn, Lancaster PA Dave Martin, Auctioneer

TUES SEPT 20 - 5 30 PM Farmersville Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, Pa John J Rutt, Auctioneers

TUES SEPT 20 8 PM D S T Registered and Grade Milking Herd Dispersal and Open Heifers to be held at Smoketown Quality Dairy Sales, Smoketown, Pa Rt 340 5 Miles E of Lancaster, 5 miles West of Intercourse Sale by Smoketown Quality Dairy Sale, Gordon and Helen Fritz Carl Diller and Paul Snyder, Auctioneers

FRI SEPT 20 - Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

OCT.

THURS OCT 4 - Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, PA

SAT OCT 13 10 00 A M Annual Fall Heifer Sale at New Holland Sales Stable, Inc 12 miles East of Lancaster off Rt. 23 in New Holland, PA Abe Diffenbach, Manager

FRI OCT 18 - Monthly Cow Sale at Mel Kolb, Inc., Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

WED OCT 31 - 12 Noon Annual Dairy Show and Sale at New Holland Sales Stables, Inc. 12 miles East of Lancaster off Rt 23 in New Holland, PA Abe Diffenbach, Manager

NOVEMBER

THURS. NOV 2 - Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, PA

FRI Nov 9 - 9 00 A M Public Sale of Farm Equipment at New Holland Sales Stable, Inc Located 12 miles East of Lancaster off Rt 23 in New Holland, PA Abe Diffenbach, Manager

FRI NOV 15 - Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

DEC

THURS DEC 7 Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, PA

FRI DEC 20 Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

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NOTICE

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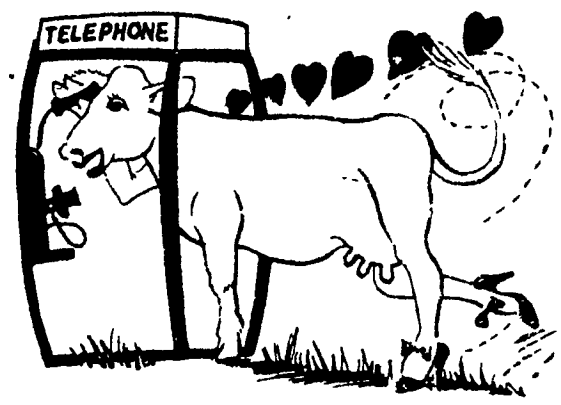

THURSDAY FEB. 2, 1984
11:00 A.M.

Location: West of Lancaster on Dairy Road. Take Rt. 283 west of Lancaster, exit beyond ABC Stud Barns at Flory Mill Rd., turn left after existing, go to Mill, then sharp right under railroad bridge.

150 HEAD Purebreds & Grades 150 HEAD

75 Purebreds from 2 to 5 yrs. old, the right kind, and some are classified with full pedigrees. Here is a sample of some for the Sale:

SPECIAL MENTION

A VG LAWCREST MARVEX dau. 3-0 348d 22535M 674F, fresh milking 119 lbs. per day, dam 22980M & 833F.

A 3 yr. old HILLTOP APOLLO IVANHOE dau. at 2-2 305d 16473M 582F, fresh 1 wk. milking 85 lbs. per day, dam 315d 24212M & 653F.

A fancy 3 yr. old SHORE STYLIST dau. bred 5/2/83 to KNOLLTOP RECKERS ACE, her dam GP-6y 365d 18284M 5.2 957F, next dam GP-7y 339d $6746M 5.1 865F, next dam VG as 9y 347d 17142M 5.3 862F; 3 generations all over 5% test.

A good big JET STREAM dau. GP-83, bred 4/21/83 to HANOVER-HILL TRIPLE THREAT, as 3-11 278d 18660M 3.8 712F, her dam STAFFORDSHIRE IVANHOE JERRY dau. VG-86 as 8-2 314d 20442M 3.9 803F.

A 3 yr. old RANSOM-RAIL PACEMAKER dau., bred 4/22/83 to GLENRIDGE CITAMATT, as 2y 269d 12548M 3.8 480F Inc., her dam VG-87-5y ELEVATION dau. as 3-5 365d 26280M 3.7 977F, next dam as ASTRONAUT dau. VG GMD as 8-10 337d 22420M 4.2 945F, over 126,000M, next dam EX-2E as 3-3 365d 14480M 3.8 557F, this heifer was never scored but should go VG.

An ENG-AMER IVANHOE JERRY gr. dau., bred to a son of VALIANT, springing, her dam as 3-03 2x 305d 16550M 3.8 634F, next dam GP-82 as 5-10 2x 365d 22270M 3.7 834F.

A 2 yr. old SHARDALE ARLINDA CHIEF JEMINI dau. springing, her dam GP as 3-00 2x 299d 13810M 4.3 589F, next dam GP-82 as 5-04 2x 342d 16530M 4.2 690F — this is a good big fancy heifer.

A fancy 3 yr. old CAVALIER dau., due 2/2/84 to MARS, as 2-1 238d 9388M 3.6 338F Inc., index +1224 +31 45%, maternal sister: 2-0 365d 19870M 3.2 630F, her dam 4-02 320d 18140M 3.8 687F, next dam VG-87 22320M & 806F.

GRADE COWS & HEIFERS

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20 good big fancy fresh first calf heifers all from Unit Sires, loaded with milk.

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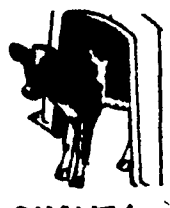

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Should I molt?

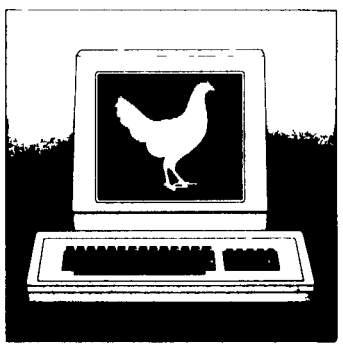
What is the best egg size?

Egg Shell Quality?

What About Pullet Quality?

How should I ventilate?

What is the best lighting program?



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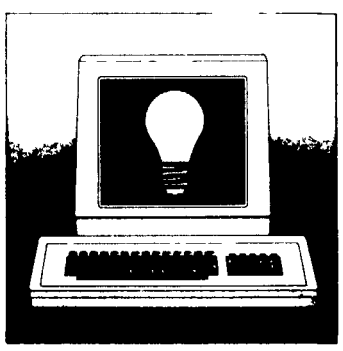
- Reaches sexual maturity sooner.
- Maximizes early egg production.
- Insures optimal skeletal development.

Accu-Line™ Molting

- Improves second cycle performance.
- Reduces egg size.
- Increases salable eggs.



Accu-Line™ Bio-Mittent™ Lighting Program

Pullets:

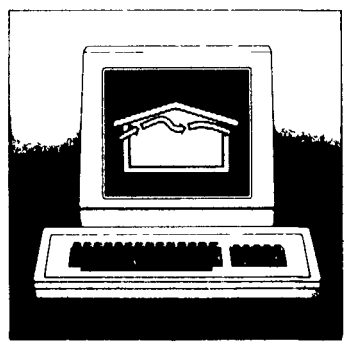
- Saves 0.5 lb per 20-week-old pullet.
- Saves 75% of electrical lighting costs.

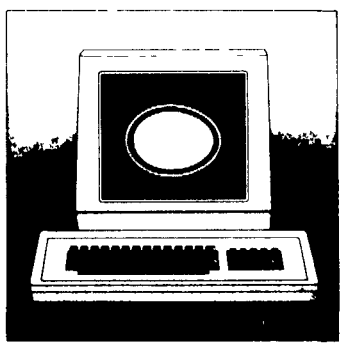
Layers:

- Improves feed efficiency 5-7%.
- Reduces egg size 1%.
- Increases number of salable eggs.
- Saves 75% of electrical lighting costs

Winter Ventilation

- Improves air quality.
- Can reduce feed intake 3-4%.
- Reduces mortality.





Accu-Line™ Shell-Pak™ Rations

- Reduces shell breakage.
- Increases number of salable eggs.
- Produces more profitable egg size.

Accu-Line™ LimiFed™

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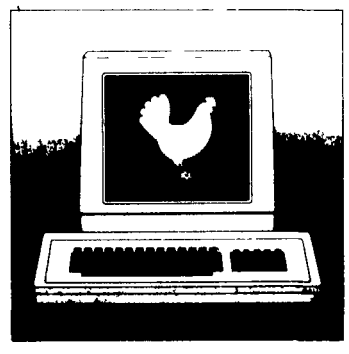

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Nitrogen is major management variable in no-till corn

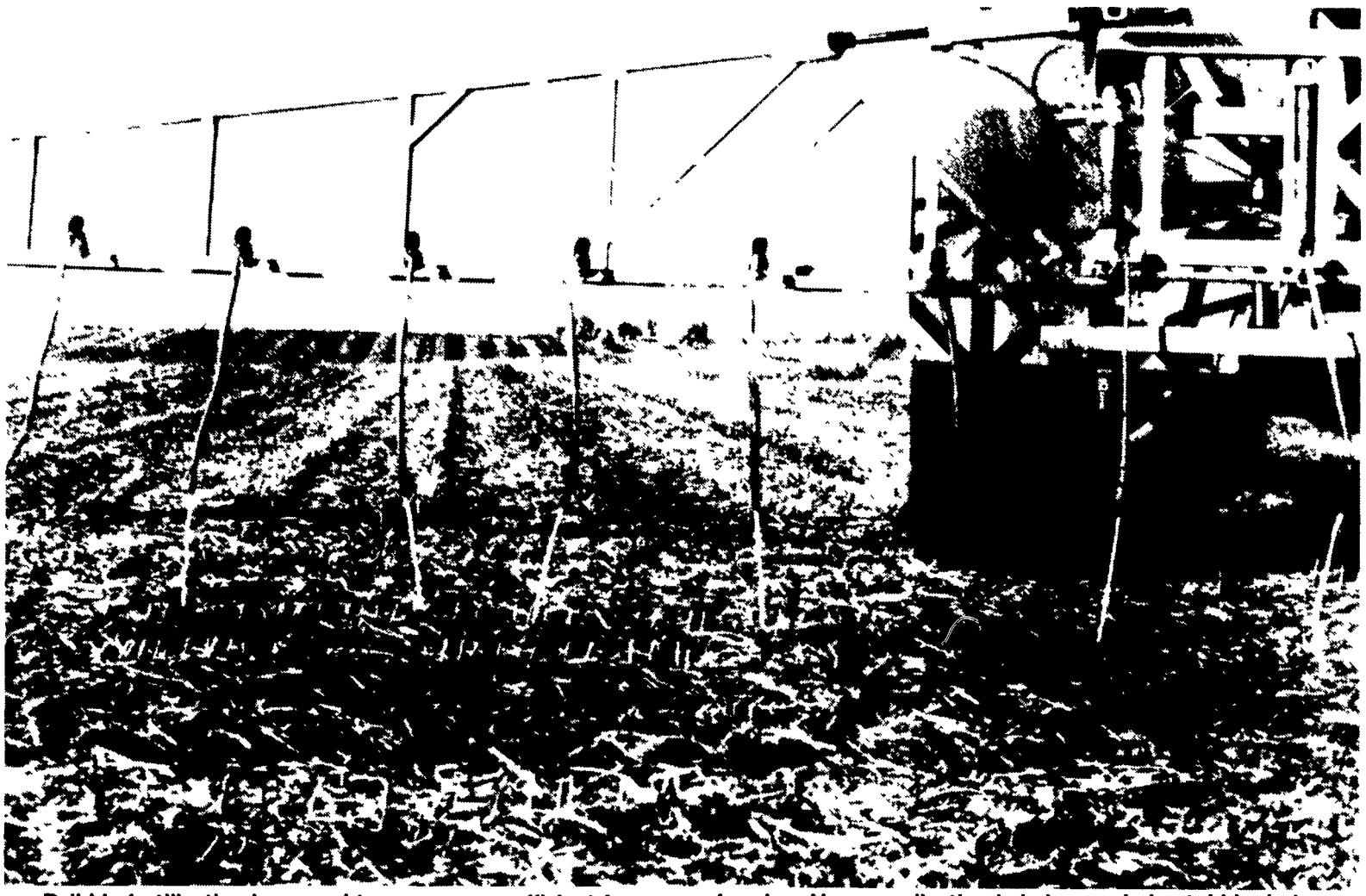
COLLEGE PARK, MD. — Nitrogen and all aspects of its application still remains the Number One management concern in no-till corn, according to a University of Maryland ag researcher.

"Nitrogen must be more intensely managed under no-tillage than under conventional tillage conditions," stresses V. Allan Bandel, Extension Soils Specialist in the Agronomy Department at the University of Maryland.

"The rate of nitrogen application is critical in no-till corn,"

Bandel emphasizes that no less than four variables must be watched concerning nitrogen in no-till. They are:

–The source.
–The rate.
–The timing.
–The placement.



Dribble fertilization has caught on as a more efficient form of application to meet the special requirements of no-till farming. Here, application is being made in stubble, but can be applied also after plants have begun to emerge.

30 lbs. more N required

For maximum economic yields, no-till corn requires more N – on the average about 30 lbs. more per acre than conventional tillage. But the additional use of nitrogen is largely offset by normally higher yields.

After 10 years of research at three locations across Maryland, differences in nitrogen requirements between tillage systems ranged from zero to more than 60 lbs. per acre for no-till as compared to conventional tillage.

About 62 percent of the direct applied nitrogen used by Maryland farmers in 1982 came from UAN solutions, much of it applied to corn, probably as a carrier for herbicides, according to Bandel.

"This practice may still be considered acceptable for weed control," Bandel said, "but it is certainly not a very efficient method for applying urea-based nitrogen fertilizers on no-till soils."

Efficiency from UAN solution can often be increased by dribbling, rather than broadcasting, he emphasized.

In 1982 where nitrogen was applied within a few days of planting, dribbling increased no-till corn yields by 12.6 to 36.7 bushels per acre as compared to broadcast application. This meant both a sizable increase in nitrogen efficiency and higher returns from increased yields.

During the past year, dribbling and injection increased no-till corn yields by 21.1 and 36.7 percent as compared to broadcasting UAN. Normally, dribbling and injection are about equal in increased efficiency of application. But the extremely wet spring, followed by the hot and dry summer apparently stressed the dribble method. Thus, it did not hold nitrogen from volatilizing or denitrifying as well as in a more normal year.

But in most years, dribble and injection are far superior to broadcasting.

Dribble and injection are superior to broadcast

Also a more efficient type of fertilizer application than broadcast is injection. Here, injection application is being made as ground is chiseled.

The timing of nitrogen application can also make a difference in no-tillage corn yields. Over a three-year period at Wye Institute, delaying broadcast UAN application until a month after planting increased yields by 17 bushels per acre. Depending on the year, yield benefits from delayed nitrogen application have ranged from 8.5 to 32.6 bushels per acre. But when injected, it made little difference whether the nitrogen was applied at planting or a month later.

N application timing can make a difference

A recommended nitrogen fertilization for no-till corn from the University of Maryland research includes:

–Due to the colder, wetter soils in no-till, use a recommended starter fertilizer that will supply N-P205-K20 in a 1-2-1, 1-3-1 or similar ratio. In addition to the P205 and K20, the banded starter should supply about 20 to 40 lbs. nitrogen per acre.

–Where UAN is to be utilized as the major nitrogen source, dribble or inject the remaining recommended nitrogen between the rows after the corn is up, but ideally when the plants are about 12 to 18 inches tall.

–Any additional recommended P205 and K20 can be broadcast prior to planting.

Major key to no-till corn lies in nitrogen

"Nitrogen must be more intensely managed under no-tillage than under conventional tillage conditions.

"The rate of nitrogen application is critical in no-till corn.

"Four variables must be stressed concerning nitrogen - the source, the rate, the timing and the placement.

Additional research on the optimum levels of nitrogen fertilization in no-till corn has been conducted at the University of Maryland by Dan Holik and Bill Lessley of the Agronomy Department.

Their studies were conducted from 1979 to 1982 at four locations – Plant Research Farm, Forage Research Farm, Wye Institute and Poplar Hill Research Farm.

Economic optimal levels of fertilization ranged from 121 pounds of nitrogen per acre for conventional tillage in 1981 at the Plant Research Farm to 224 lbs. per acre at the Poplar Hill Farm in 1980 for no-till.

Corn yield responses to nitrogen fertilization was distinct for each of the research farm locations, the type of tillage followed and the year in which experiments were conducted.

No-till program works for Lancaster County cattleman

BY LAURA ENGLAND

MILLERSVILLE — Most conservation tillage specialists agree that a successful no-till program calls for strict soil, mangament practices. Farmers need to control the existing vegetation, consider the soil's moisture and physical condition at planting, be knowledgeable of the soil temperature and seed germination relationship and use heavy-duty no-till equipment to make the program work.

C. Richard Neff, of Millersville, Lancaster County, knows these practices well. A cattle and tobacco farmer, Neff has been planting no-till crops for 14 years but says the practice is still new.

"We have maintained our no-till program," he said, "but it's still new to us even after 14 years. You still have to modify your weed and disease practices each year."

Knowing the importance of keeping a no-till operation clean and as weed and disease-free as possible, Neff evaluates each year's no-till crop and then decides what practices and modifications are needed for the next year. He also considers recommendations from Penn State University, the USDA and chemical companies when making his decisions.

One problem Neff is currently working on is weed control. "Our weed spectrum has changed from the beginning of our no-till program until now," he said. "The spectrum has made a complete circle."

Neff said he had a problem with redroot, foxtail and pigweed during the time he used conventional planting practices. Through no-till practices and the use of herbicides he contained the problem for all but the last five years.

"For the last five years, we've picked up the weed problem again," he said. "We haven't determined the reason why except maybe the practice itself."

Despite the circular pattern of his weed spectrum, Neff said he considers his weed problems as minimal. "We're a little more flexible now in controlling our weed problem than we were six to eight years ago," he added.

Overall, Neff said his weed problems have changed but they are no worse than with conventional tillage. He added that another farmer in the area had a similar repeat of his weed problems.

Neff currently plants 100 acres no-till and another 100 acres minimal tillage. Whether he uses no-till or minimal tillage depends on the crop he expects to plant the following spring.

C. Richard Neff, of Millersville, Lancaster County, points out the ground cover he gets with minimal no-till planting. For this field, which will be planted in corn this year, the soil will be disced lightly to break up the fodder.

When planting silage crops, Neff uses no-till, and for continuous corn crops he uses minimal till. For no-till planting, Neff begins in the fall and plants rye as a cover crop after taking off his tobacco or corn crop. The soil is disced lightly and either a conventional drill or fertilizer spreader is used to plant the rye seed. The soil is then worked over with a cultipacker or a disc to cover the seed.

"We have maintained our no-till program" Neff said, "but it's still new to us after 14 years. You still have to modify your weed and disease practices each year.

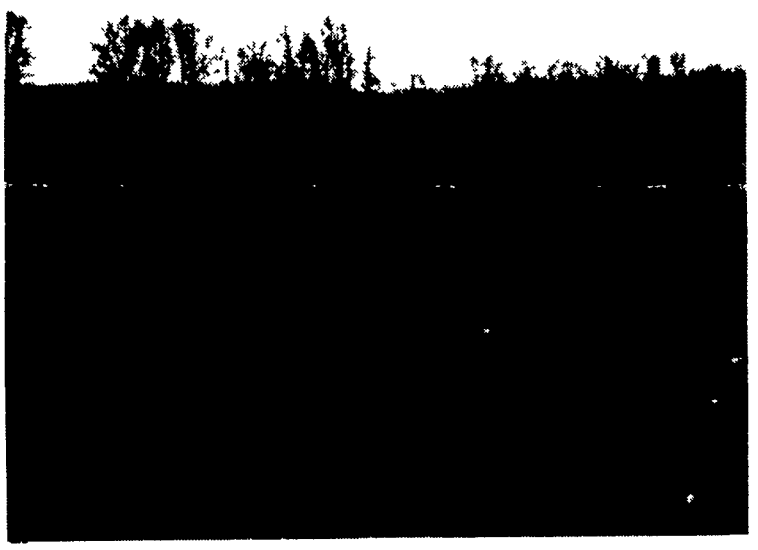
"A rye cover gives good weed and erosion control and helps maintain soil moisture longer in the summer."

In the spring, Neff allows the rye to grow until knee high. The crop is then sprayed with a mixture of paraquat, nitrogen fertilizer, residual herbicides and insecticides. About 10 days after the rye is killed, the corn is planted.

Neff said he prefers a rye cover because "it gives good weed and erosion control and helps maintain soil moisture longer in the summer."

For corn to corn crops, minimal tillage is used. The soil is disced lightly in the fall - just enough to incorporate the corn residue to be held by the soil, Neff explained. This he does for erosion control.

Depending on the conditions in the spring, paraquat may or may not be used. If any green crop is showing, Neff said, paraquat will be used. The residual spray application is determined by the previous year's evaluation and is applied before or after the corn is planted.



Neff plants a rye cover for crops which will be planted no-till. The rye cover, he says, gives soil and erosion control and helps maintain moisture longer in the summer.

All spraying, whether no-till or minimal till, is custom applied, Neff said. The spray mix, itself, is determined by soil tests, label rates and Neff's crop evaluations.

"Rates are important," he said, "and you should know what you're up against. The rates depend on the conditions the year before."

The fertilizer rate is done according to a Penn State soil test, Neff said. For herbicides, he uses the recommended label rates.

Since using no-till practices, Neff said his yields have been higher. Only this year and one other time the yields were neither maintained or increased, he said. This year, the dry conditions hurt his yields, and the other time wet spring conditions cut the yield number.

"On the average, we've upped our yields," he said. "Our no-till yields over conventional are considerably higher."

But Neff is quick to point out that no-till planting is not the only factor leading to increased yields. Better management practices, such as soil testing and more concern over seed population and corn varieties, have helped.

"We soil test every year," he said, "and add at least what is called for. We were pretty thorough before (with conventional practices), but now we're more particular because we didn't want to fail in the no-till business."

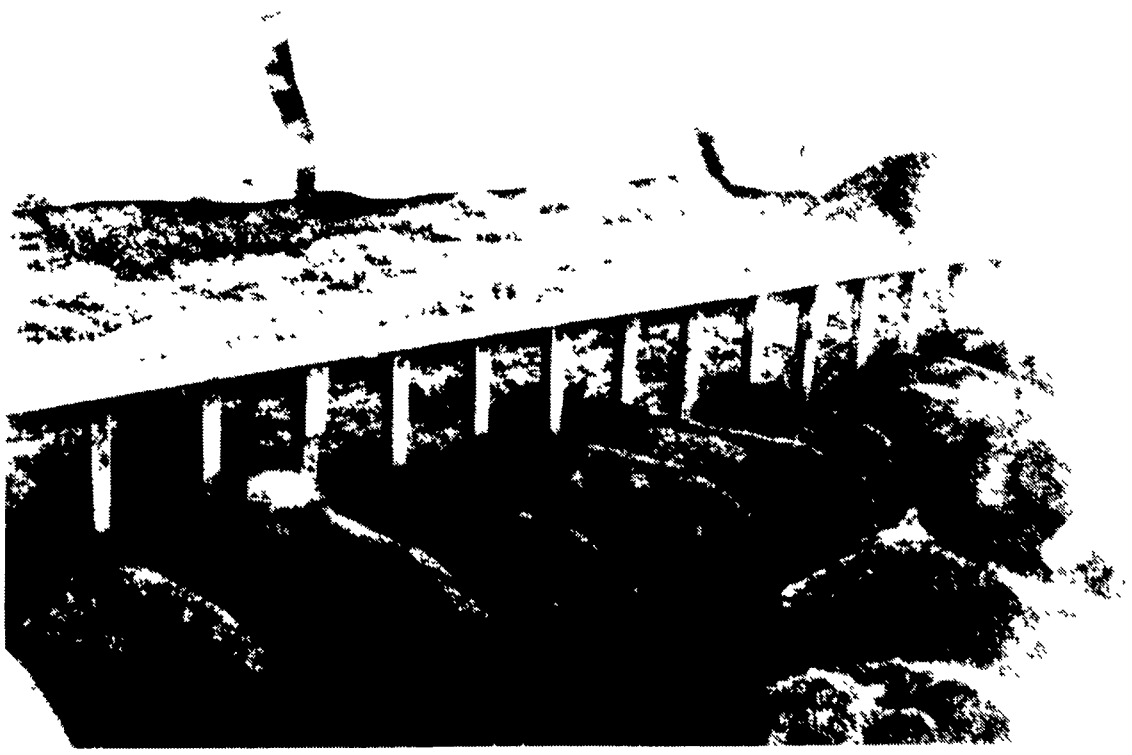
With seed population, Neff likes to apply anywhere from 24,000 to 28,000 per acre. The population is adjusted to the capability of the soil.

"We're more concerned now with population," he said. "We're careful to get the population we want so it's not a limiting factor."

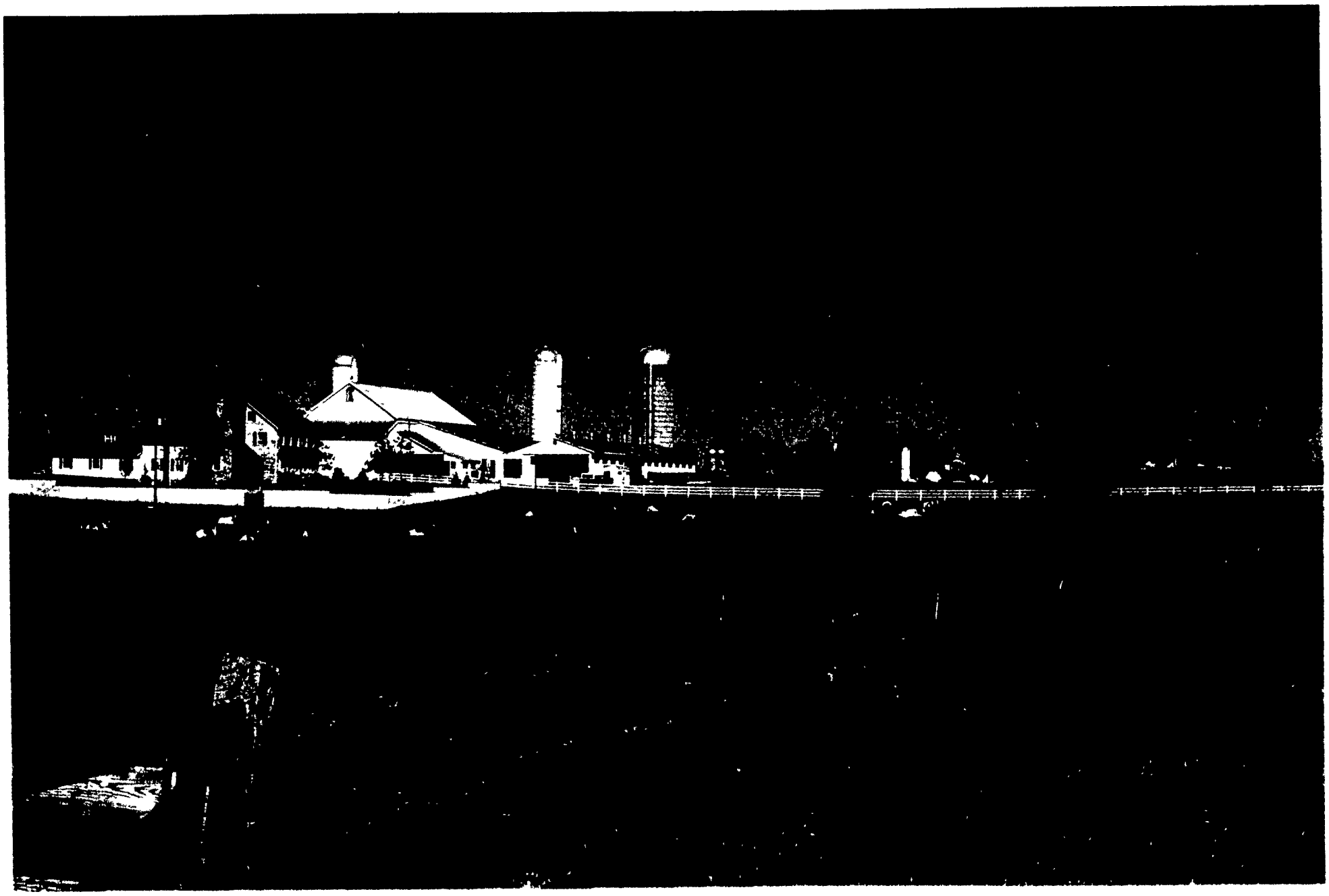
Neff said he learned last year that he can get a good crop with a lower population. This year, he may lower his population rate somewhat, he added.

Neff said he's learned to make his planting decisions based on his evaluation of his previous planting season. With no-till, a farmer has to be particular about his operation and keep it clean, he said.

"You have to consider population and protect your crops from insects and pests," he said. "and it has to be relatively clean. That's what it takes to get the job done."



The no-till silage crop is placed in 24x100 feet, self-feed bunker silos. In addition to the silage, the corn crop is harvested as ear and shell corn.



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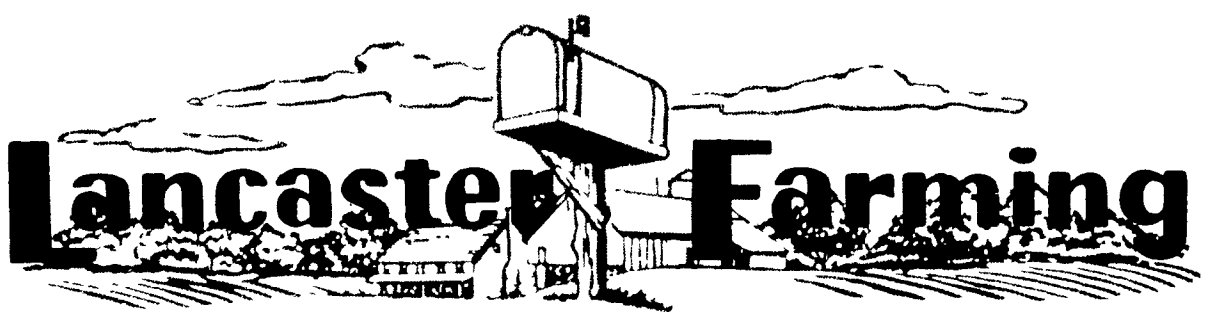

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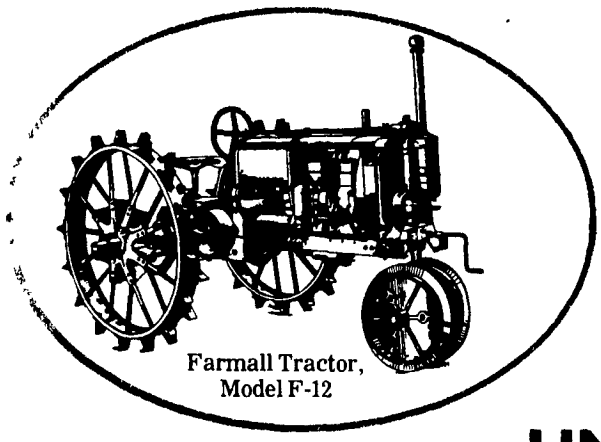
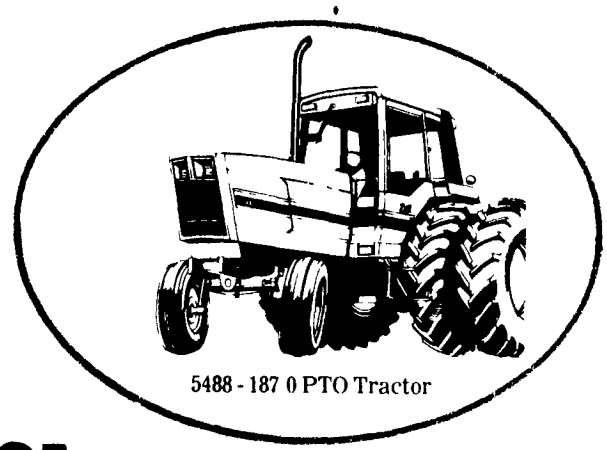


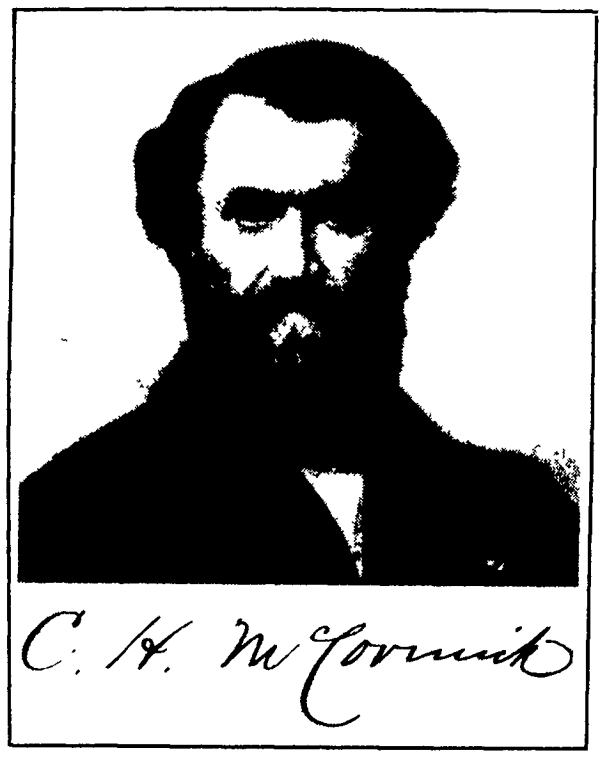
Farmall Tractor, Model F-12



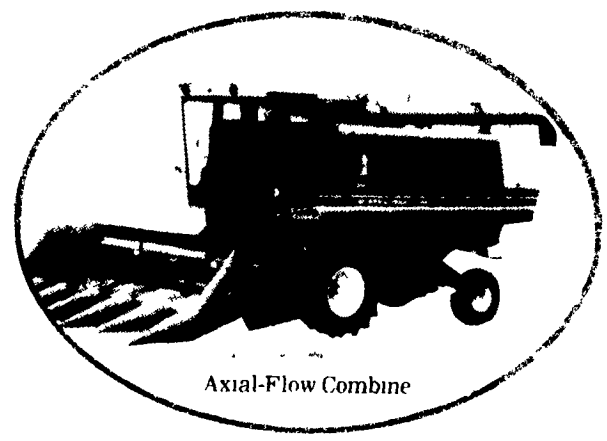
5488 - 187 0 PTO Tractor

LINKS A STRONG HERITAGE TO A FRONTIER OF INNOVATION

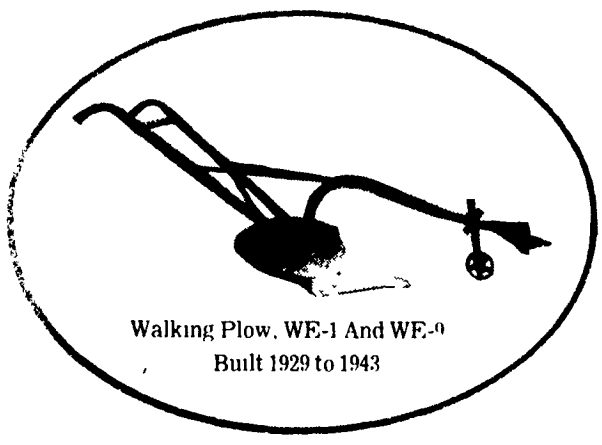
McCormick-Deering No 2 Steel Husker and Shredder Built in the 1940's



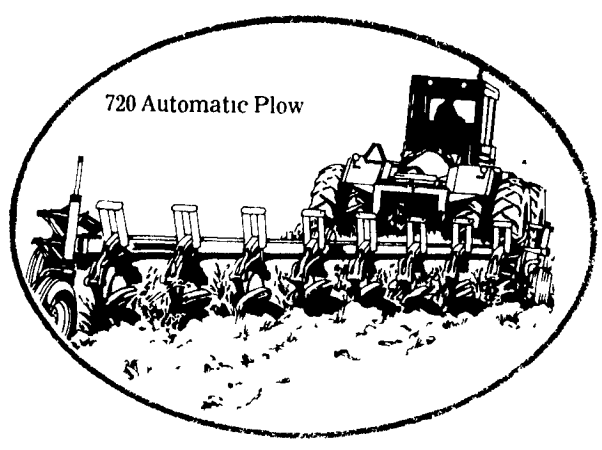
C. H. McCormick



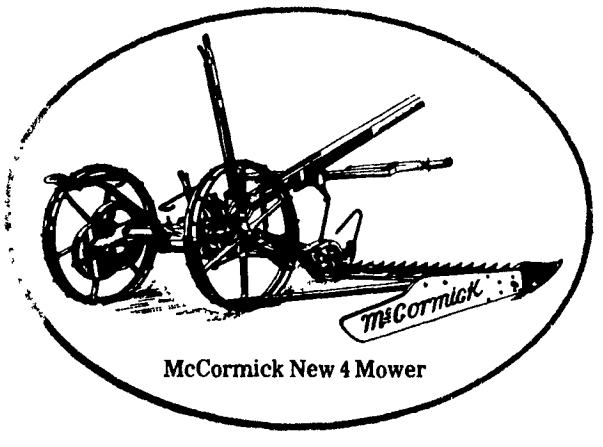
Axial-Flow Combine



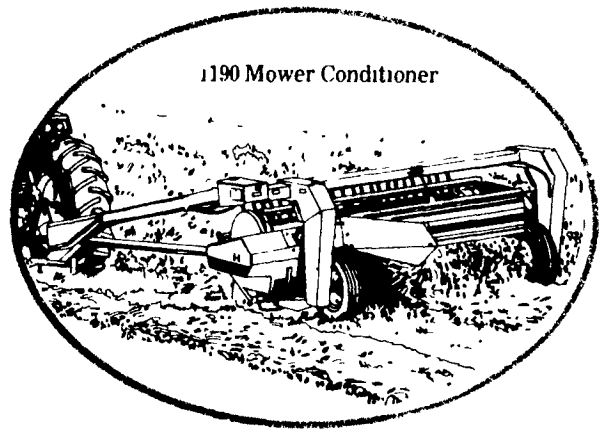
Walking Plow, WE-1 And WE-0 Built 1929 to 1943



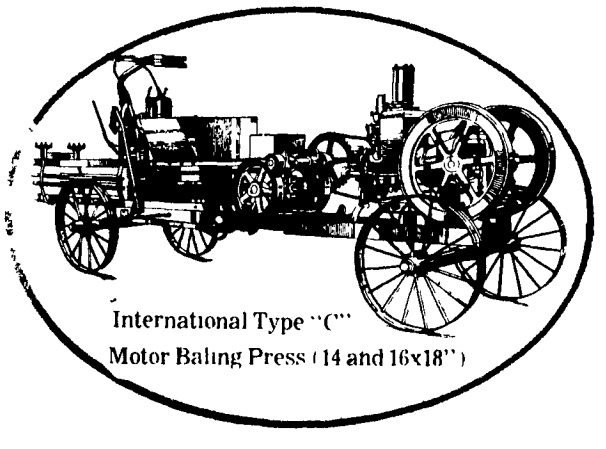
720 Automatic Plow



McCormick New 4 Mower



1190 Mower Conditioner

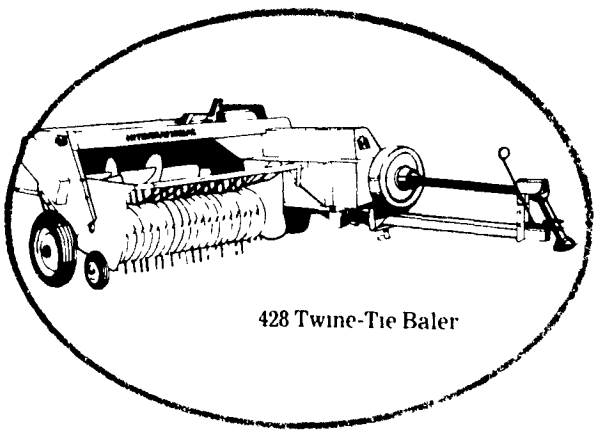


International Type "C" Motor Baling Press (14 and 16x18")

The history of American business reveals a no more colorful nor inspiring story than that of the growth and development of the International Harvester Company **Although in its present form it has been in existence only since 1902, the Company's history reaches back to 1831, when Cyrus Hall McCormick demonstrated his first reaper to a skeptical gathering at his father's farm near Steele's Tavern, Virginia. Few corporations of similar size and importance can lay claim to such a background of tradition and continuous operation.**

The farm equipment industry, exemplified by the International Harvester Company, is a distinctively American enterprise It is doubtful that its phenomenal growth and development over the past century could have been nurtured in any but the vigorous pioneering soil of the United States The Company has grown with the nation and helped the nation grow Certainly it could have reached its present stage only under the **pecularly American system of free enterprise. It is equally obvious that our present industrial civilization would have arrived much more slowly without the in**vention and prefection of farm machinery This identification with history is possible only in business with a background of tradition and service in complete accord with that of the nation in which it was founded

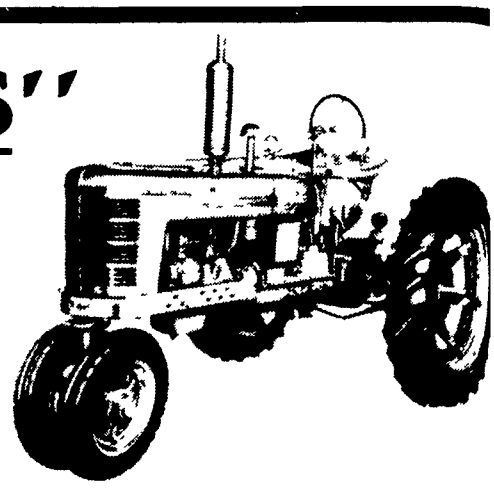
Many of the fundamental concepts initiated by Cyrus Hall McCormick - absolute honesty in all dealings, the building of a quality product at prices his customers could afford to pay, and a safeguarding of that product with service that protects the customer - are still the living roots of International Harvester policy Today's International Harvester spirit is based on McCormick's fighting determination to progress in his field and build machines that would best serve the customer and the nation



428 Twine-Tie Baler

Lancaster Farming Special

Doing Our "PARTS" For Big Red Through The Years...



Tractors have certainly changed over the past 45 years . . . but supplying top quality I.H. parts for your "BIG RED" has never been more important. From batteries to renewed starters and from oil to filters - I.H. has and will continue to do our "Parts" to keepBIG RED RUNNING STRONG!

PARTS VALUE OF THE MONTH

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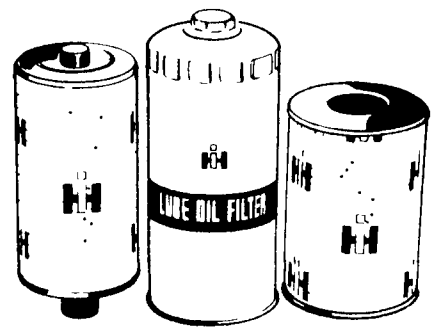

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Time to change your filter elements? Insist on genuine IH filters for full protection. Only IH elements have all these features

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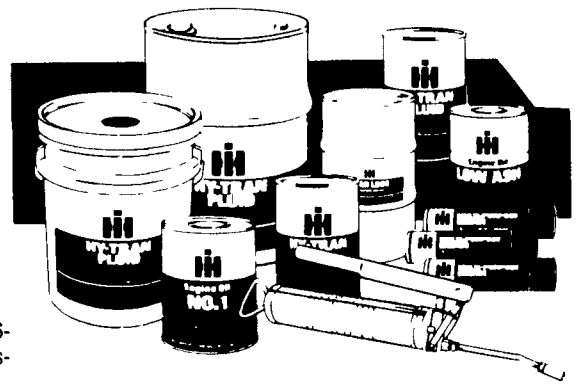
We're Your Lubrication Headquarters

We can fill your lubrication needs for all your equipment:

- IH Low-Ash engine oil. . for 4 and 6-cylinder gasoline IH farm, industrial, and construction tractors
- IH No. 1' engine oil - the superior oil specifically designed for all other applications, including heavy-duty diesel tractor operation
- International Hy-Tran' fluid... the most carefully quality controlled hydraulic fluid on the market



- International gear lube - superior quality.
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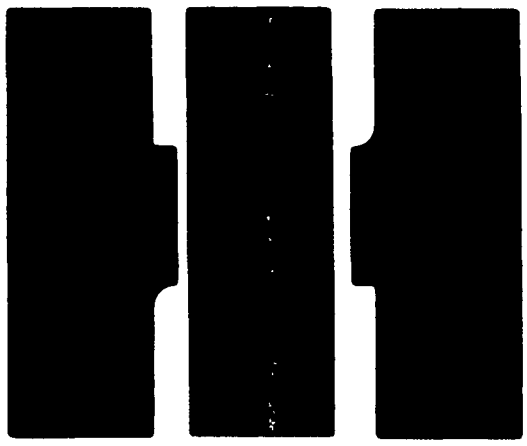

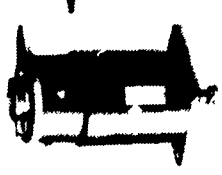

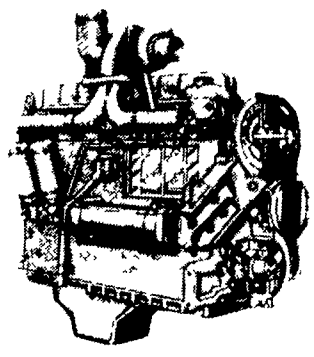

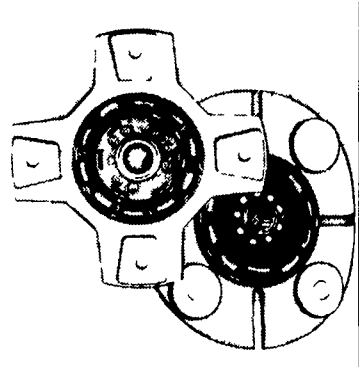

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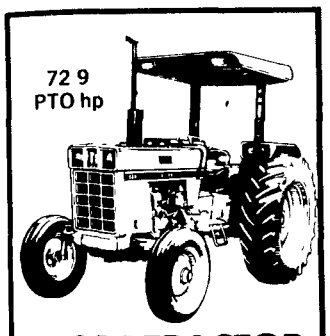
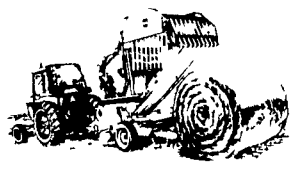


IH 884 TRACTOR
Row Crop
$19,900



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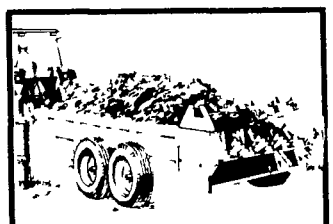
$7,995 CASH



IH 560 SPREADER
250 Bushel
$5,150

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- 584 Diesel, 4 Wheel Drive, 52 HP $17,600
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- 884 Diesel Row Crop, TA, 18.4x30 Rear Tires, 73 HP $19,990
- 720 5-18 Reset Plow, Steel Trash Plates $8,800
- 4500 16' Vibra Shank Field Cultivator $2,800
- 560 Manure Spreader, 250 Bushel Capacity $5,150
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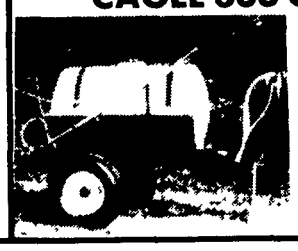

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IH 886 cab & air	18,750
JD 2010 row crop, needs engine work	1,950
1066 Black stripe, cab. exc cond	17,500
3200 skid steer loader, new paint	5,000
JD 430 wide front	2,500
IH 37 baler w/thrower	1,450
IH 37 baler w/thrower	1,450
IH 47 baler w/thrower	1,850
IH 430 baler w/thrower guaranteed	2,750
IH 37 baler	1,200
Papec blower good condition	650
IH 56 blower new ring, excellent	1,800
AC blower	400
IH 330 harvester w/2 R corn head	6,500
IH #93 combine	2,500
500 gallon Walsh sprayer	1,200
JD #345 4-16 reset plow, exc	
IH 370 disc harrow 11'6"	2,250
NH 880 harvester w/2 R corn head	$3,700
IH 530 manure spreader	$1,500
Used lawn & garden tractors	$900 & up
D.R Ellis 2 row transplanter	
Gleaner M 1974 model combine, diesel engine, cab, 13' platform with pickup reel & 4 row corn head, one owner	18,500
IH 400 four row planter, no-till	2,850
IH #56 four row double disc planter	1,850
IH 400 6 row planter, no-till	3,750
Athens model 131 13' HD disk harrow equipped with Buster Bar and 4" cylinder	5,650
JD #130F 4-14 3 pt. plow	850
IH 700 5-16 auto reset plow	2,950
IH 700 4-16 auto reset plow	2,250
IH #16 rake, one owner	1,350
IH #35 rake, 2 years old	1,875
IH 990 7' & 9' mower conditioner	
IH #530 3-14 3 pt plow	650
IH 710 3-16 reset semi-mount plow	2,750
IH 540 4-14 semi-mount trip plow	750
Farmhand loader	475
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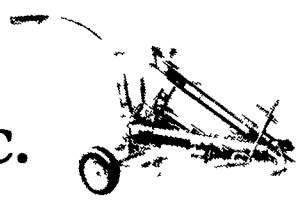
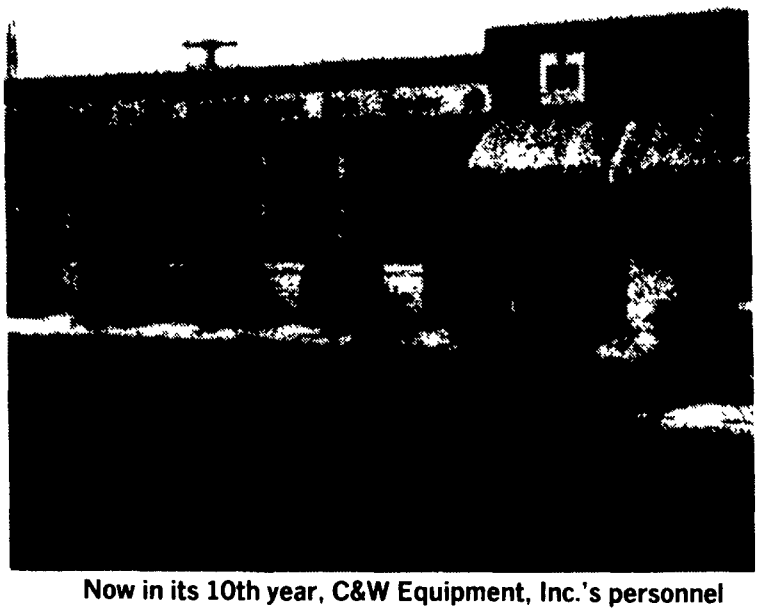


No 2 ENSILAGE HARVESTER
(With Manual Tilting Lever)



Now in its 10th year, C&W Equipment, Inc.'s personnel represent more than 60 years of experience with International Harvester.

C & W personnel boast long experience with IH

Now in its 10th year, C&W Equipment, Inc., of 260 York Road, stands ready to service the needs of all of its Carlisle-area I.H. customers.

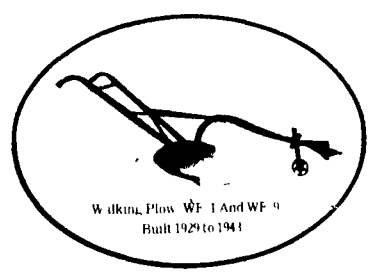
The history of International Harvester's association with Carlisle dates back to the 1930's when Carper and Gates began selling International equipment, continuing into the 1950's, when Wrightstone, Inc., assumed the I.H. line and continued in the business until 1960.

With the year 1960, C&W's immediate predecessor, International Harvester Sales and Service, began marketing I.H. equipment until C&W took over in 1974.

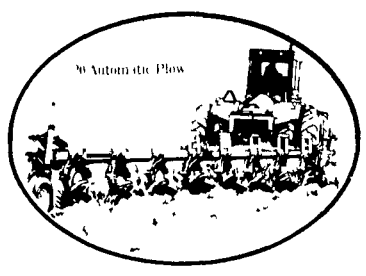
No newcomers to the farm equipment business, the combined careers of C&W's General Manager Marv Brown, and Parts & Service Manager Bill Mitchell represent over 60 years experience with International Harvester.

Other key personnel of the firm's 14-member team include Sales Coordinator Carl Sultzbaugh, Accountant Eve Lebo, and Shop Foreman Ken Seibert.

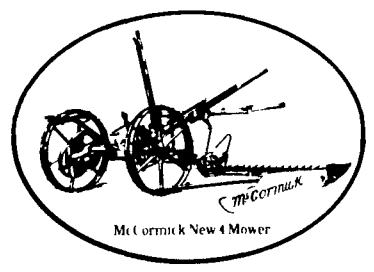
C&W would like to thank all of its customers for this past year's support, and invites everyone to begin the new year by attending the company's February 14th-through-16th Open House featuring special savings on all new equipment and parts.



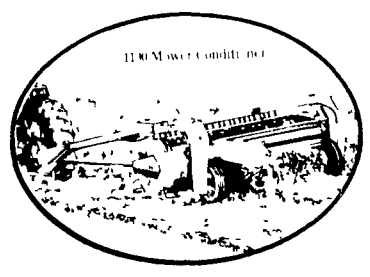
Walking Plow WF-1 And WF-9
Built 1929 to 1943



W Automatic Plow



McCormick New 4 Mower



C.B. Hoober & Son caters to customers

Forty-two years ago-30 days before the United States became involved in World War II - International Harvester Company signed a new dealer in Intercourse, PA. But with I.H. forced to gear its manufacturing facilities to the war effort, no sooner had Charles (Bud) Hoober opened his doors, than he found himself with no farm machinery to sell.

In order to pay his bills Bud Hoober needs something to sell. He discovered that a new state regulation required that dairy farmers refrigerate their milk. Because most of the Amish farms around Intercourse still cooled their milk in spring houses, Bud saw an opportunity to sell the Amish gasoline-powered milk coolers. And since I.H. was a major supplier of farm refrigeration equipment at the time with a warehouse full of engine-powered refrigeration units in Chicago, Bud Hoober was in business. His ability to see an opportunity and to capitalize on it has been one of the strengths of C.B. Hoober & Son In. in the years since.

From the start Bud Hoober knew the importance of hiring and keeping quality employees. With a keen eye for talent, Bud hired skilled mechanics and turned them into customer-oriented servicemen, sharing with them the cornerstone of Hoober business philosophy. "When someone calls you with a problem, you make it your problem and we'll have satisfied customers."

Born and raised in this environment it was only natural that Bud's only son, Charlie, would grow into the business. So in 1965 Bud and Charlie formed a partnership, C.B. Hoober & Son Inc. The infusion of Charlie's youthful enthusiasm immediately moved the business forward. Within a year they outgrew their facilities on the north side of Route 340 in Intercourse, PA, and moved their business into the vacant Skeecraft Boat Works across the road. These new facilities gave Bud and Charlie the space necessary to expand their operations

Hoober's expansion in the 1970's was solidly grounded in the business acumen so evident in their first thirty years. When in 1965 I.H. introduced the 656 hydrostatic tractor Charlie and Bud saw in its technologically superior transmission a unique opportunity for farmers to increase their productivity. They bought and sold a dozen of these tractors in the first year. Again in 1971 Charlie welcomed the introduction of the revolutionary 400 cyclo air planter as a labor-saving profit-maker for his customers. Charlie saw the air feed concept as something better than plate-type planters, and the farmers immediately recognized the advantages of its simplicity and superior speed.

But events occurring in 1976 would make the Bicentennial year the most significant year for C.B. Hoober & Son in recent history. This was the year that Bud and Charlie incorporated their business and it became C.B. Hoober & Son Inc. the incorporation was important because it created allowances for future growth. But the event which strengthened Hoober's position in the farm machinery business was the 86 Series Tractor introduction I.H. held in Chicago in August, 1976. Though the new tractor was obviously the highlight of the show, something else caught Charlie Hoober's imagination. Quietly displayed in the corner was a prototype of a revolutionary new concept in combine technology - the single-rotor, axial-flow combine. Its simplicity of design, its gentle threshing action, and its

(Turn to Page 25)

"One deal today produces more sales volume than I had in a year when I started," says Bud Hoober about the way things used to be. Bud's pictured on the right along with Ben Musser in front of his first building. In those days, Ben used this truck to deliver parts from farm to farm.

Sivers Equipment Co. to hold open house

Though Sivers Equipment Co. is only in its second year as an International dealership, the company's personnel have tallied more than a quarter of a century of I.H. experience.

Sivers Equipment's owner, Art Sivers, traces his experience with International Harvester back to the spring of 1970 when he began as shop foreman for Kintner Equipment Co., Wyalusing's original I.H. dealership, with a history dating to the 1930's.

In May of 1978 Kintner Equipment Co., became Goodwin Equipment Co., and Art stayed on to handle on-the-farm service calls.

By January of '82, Goodwin had gone out of business, and Sivers took over the dealership in August of that year, beginning operations at a temporary location in Laceyville, about seven miles from the original Kintner/Goodwin dealership.

In November of last year, Sivers moved the dealership back to its original location on Route 6, just outside of the borough of Wyalusing, bringing with him Richard Feusner, an I.H. mechanic with over 10 years experience with Kinter and Goodwin.

With Dave Green assisting Feusner in the shop, other Sivers personnel include Parts Manager, Ron Pierce, and Art's wife Arlene handling the bookkeeping chores.

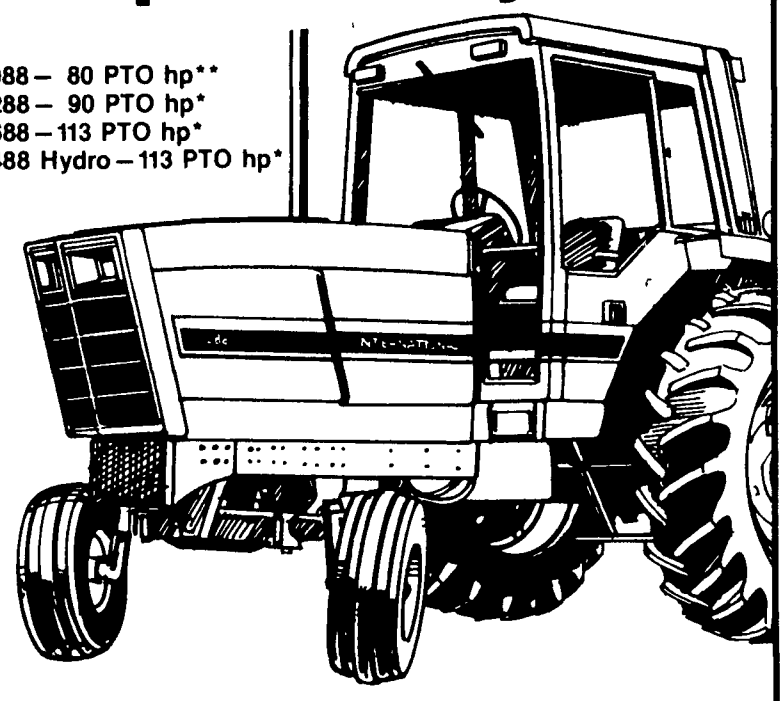
Since International Harvester dealerships are few and far between in Pennsylvania's northern tier, Sivers is a key parts and service location throughout Bradford, Sullivan, and Susquehanna counties.

"Though we've only been at our present location for a year-and-a-half," Sivers said, "our customers have come to know us through our previous association with International Harvester, and have come to depend on Sivers for quality I.H. sales and service."

Art reminds customers that dates will soon be set for their late March Open House featuring special savings on all tillage equipment and parts.

Get top performance and productivity

3088 — 80 PTO hp**
3288 — 90 PTO hp*
3688 — 113 PTO hp*
3488 Hydro — 113 PTO hp*



International 30 Series Tractors

Take your choice from four models. All give you proven power, high performance, top field economy and exceptional operating ease. You'll profit with features such as:

• Proven International diesel engines • Exclusive Forward Air Flow cooling • Easy-shifting transmissions • Right-hand control consoles • 2-door Control Centers (ROPS standard on 3088)

*Official test
**Manufacturer s estimate

INTERNATIONAL HARVESTER

RUGGED IH TILLAGE EQUIPMENT

Special Prices and March 1, 1984 Waiver on In Stock Units including:

- 4 Btm. 720 Plow, Auto Reset
- 17'8" 475 Disk Harrow
- 18' 352 Spring Tooth Harrow
- 9' 5500 Chisel Plows

CORN PLANTERS & GRAIN DRILLS

Waiver till May 1, 1984

- 5100 16x7 Combination Drill with the right equipment and a good price - In Stock Others Available
- 800 4 Row Plate Planter

IH 30 SERIES TRACTORS - In Stock

- 3088 D Less ROPS, Big Rubber
- 3688 D w/Cab, Air, Radials

IH 84 SERIES TRACTORS — In Stock

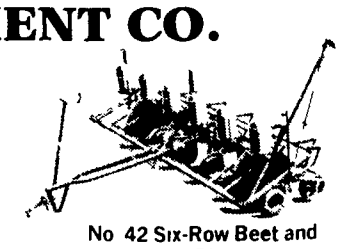
- 584 Row Crop
- 884 Row Crop, Big Rubber

SIVERS EQUIPMENT CO.

Rt. 6, Wyalusing, PA 18853

(717) 746-3355

Mon.-Fri.: 8 AM - 5 PM
Sat.: 8AM - 12 Noon



No 42 Six-Row Beet and Bean Planter

ALL WEEK
FEB. 6th
thru
FEB. 11th

Hours:
Monday thru Friday
7:00 AM - 5:00 PM
Saturday
7:00 AM - 12 Noon

C.B. HOOBER & SON, INC.

OPEN HOUSE

PARTS SPECIALS ALL WEEK

SEE NEXT WEEK'S LANCASTER FARMING FOR COMPLETE DETAILS

OUR BUSINESS IS SERVICE

EBY HERSHEY
Tractor Service Mgr.

CHARLES HOOBER
Owner

DICK BOMBERGER
Parts Manager

DON CARPER
Machine Service Mgr.

Hoober Sells Only Field Proven Products

And Everything We Sell Is Backed

By Excellent Parts And Service People

FARMER'S DAY - THURSDAY, FEBRUARY 9th

50 SERIES ALL-WHEEL DRIVE

DOOR PRIZES

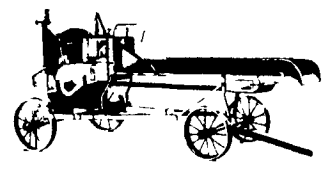
PLANNED PROGRAM

FREE LUNCH AT NOON

AXIAL-FLOW COMBINE

AN IDEA RIGHT

FOR TODAY



No 12-A Ensilage Cutter

MORE PRODUCTIVITY

WITH AN

IH AXIAL-FLOW

ALL NEW & USED PRODUCTS BACKED BY HOOBER PARTS & SERVICE

Radio Controlled Trucks For Better Service

C.B. HOOBER & SON, INC.

INTERCOURSE, PA (717) 768-8231 AUTHORIZED UPS STATION

Biggs Inc. stages open house on Groundhog Day

The International Harvester dealership of Benjamin Brothers was only one year old when A. Wallace Biggs went to work for the Rising Sun, Maryland, firm as a partsman in 1947.

Biggs remained an employee of Benjamin Brothers until 1974, when he and his son, Albert Biggs, Jr., took over the firm, changing the name to its present form, Biggs Incorporated.

With Wallace Biggs, the President of the corporation, managing parts and service, and Secretary-Treasurer Albert in charge of sales, other Biggs employees include partsman Raymond Jugler, and Albert's wife, Sue, assuming secretarial duties.

Annual activities for the firm include participation in Ag-Progress Day at the Cecil County Fair, and a display of products at the Nottingham Park Country Fair, both mid-summer events.

Each year, Groundhog Day also means Pancake Day in Rising Sun, Maryland, as the company stages its annual one-day Open House featuring free pancakes, bacon, sausage, and beverages along with a tempting dessert of specials on tractors, implements, and parts

Biggs Inc., continues a 38-year International Harvester tradition of service to Rising Sun, Maryland.

Eckroth Bros. spans three generations

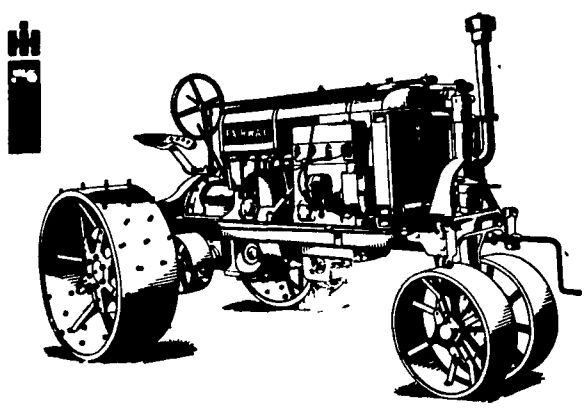
In 1946 Robert R. Eckroth began a career as New Ringgold's Harvester dealer by selling his first tractor to local farmer William Mimm, Sr.

In 1966 the business was sold to Robert's son, Lorton L. Eckroth, Sr., who remained at the helm until 1983 when his nephews, Daniel and Eugene Eckroth, bought the firm and formed the partnership of Eckroth Bros. Farm Equipment.

As grandsons of the founder, Daniel and Eugene represent the third generation of Eckroths to maintain ownership of the New Ringgold I.H. franchise.

Demonstrating the enduring value of sound dealer-customer relations, the firm recently counted among its customers, William Mimm, Jr., son of Eckroth's first tractor customer nearly 40 years ago.

Members of the Eckroth team include secretary Gini Lee Eckroth, mechanics Kevin Emerick and Harold Fryer, and mechanic Woodrow Schellhammer who's 33-year affiliation with Eckroth Bros. has spanned all three generations of ownership.



Fairway Tractor
(Narrow Tread)

	List	SALE
5088 Tractor 1100x16, 20.8x38 Radials Claw Hitch Hydraulic Return Deluxe Cab	$56,000	$39,500

SPREADERS

ALL SIZES IN STOCK - NEW ARRIVALS!

595 Spreader Hyd. Endgate Upper Beater Splash Guard	$11,662	$ 9,900
530 Spreader Upper Beater	$4,427	$3,775

We Are Low In Used Equipment And Need To Trade.

OPEN HOUSE - FEB. 2, 1984

BIGGS INCORPORATED
34 Buckley Avenue
Rising Sun, MD 21911
301-658-5531

Harvest more corn... get fewer cracked kernels

• 1460 - 170 hp diesel, 180 bu. grain tank, 4, 5, 6 and 8-row corn heads.

International® Axial-Flow Combines are the world's most advanced line of combines That's because a single rotor handles the threshing and separating Long gone are the conventional cylinder and the troublesome straw walkers Threshing and separating are more complete so you save more grain The rotor handles crops more gently so you have less cracked grain. Big diesel power and all-speed hydrostatic ground drive provide maximum output in any field condition Deluxe Control Center, standard, provides maximum comfort and operating convenience

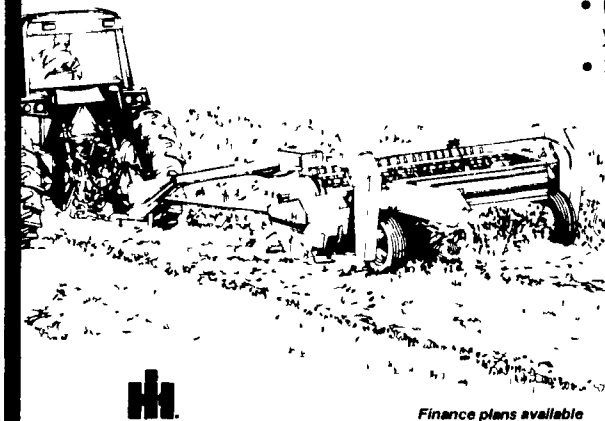
IN STOCK NOW!

INTERNATIONAL 1190 MOWER CONDITIONER

Preserves hay quality to maximize profits

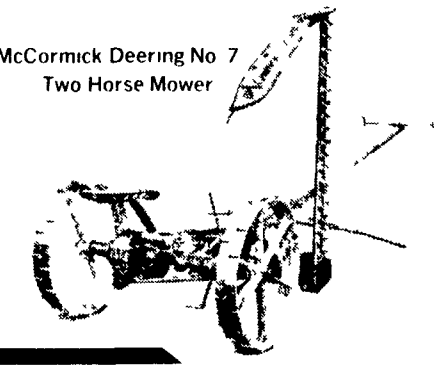
Precision-machined, intermeshed rubber conditioning rolls crush and crimp your crop for fast dry-down, yet they work gently to save leaves Rolls are mounted in the header, not on the frame, so the crop feeds straight in for complete conditioning, even in rough terrain

- Two sizes: 7 and 9 ft
- Over-the-top frame suspension allows for header float, keeps crop pathway clear
- Rolls separate automatically when header is raised so you can clear slugs from your tractor
- Lever control lets you adjust the width of windrow or swath
- High-speed oil-bath knife drive gives you clean cutting, long life
- Simple equalizer hitch lets you turn sharp without losing performance



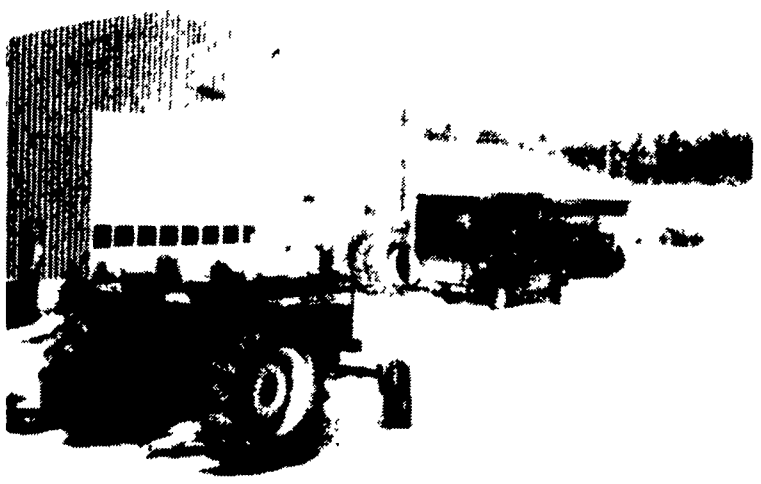
INTERNATIONAL HARVESTER

Finance plans available



McCormick Deering No 7
Two Horse Mower

ECKROTH BROS. FARM EQUIP.
RD 2, Box 24A, New Ringgold, PA
717-943-2131



Ringtown Farm Equip., Inc., of Ringtown, PA, has logged 22 years in the sales and service of International Harvester equipment.

Ringtown Farm Equipment — A family concern since 1950

Ringtown Farm Equip, Inc. made its debt in the farm equipment business back in 1950, with a small parts room and one service bay at their West Main Street location in Ringtown.

With 11 years experience as their foundation, the firm took on International Harvester in 1961, adding two extra service bays to handle the increase in their business.

Nineteen eight-one was an important year for the company with the construction of their new facilities at their current location one-half mile north of town.

With the father-son team of Jim Ambrose, Sr., and Jim, Jr. as owners, other employees include Parts Manager Harry Ambrose, servicemen Allen Wolf and Rich Schlauch, and Jim Jr.'s wife Mary Beth Ambrose assuming secretarial duties.

With 22 years experience in the sale and service of I.H. equipment, the firm has been an International Harvester Certified Service Dealer since moving to its new location in 1981.

M & R Equipment carries on tradition

The history of M&R Equipment, Inc., of New Park, PA, dates back to 1914 when the Robinson brothers, Harry and Arthur, opened an International Harvester business in Cardiff, Maryland, a slate-mining town near Delta, PA.

Like many retailers of the day, the dealership was a general store, of sorts, selling grains, coal, and lumber, and trying to convince area farmers that the gasoline-powered tractor was indeed

(Turn to Page 25)

The Cardiff, MD, I.H. dealership of brothers Harry and Arthur Robinson, as it looked circa 1929. The dealership continues today in the form of M&R Equipment, Inc., in the neighboring town of New Park, PA. Implements pictured include two International trucks, a new McCormick Deering Thresher, and two I.H. tractors.

Extra traction, extra productivity!

International 84 Series All-Wheel Drive Tractors

Get it all—increased pull power, improved productivity, maneuverability and economy with an International 84 Series all-wheel drive tractor. And they're available in five power sizes from 52.5 to 72.9 PTO hp Look at the benefits.

- Increased traction in mud, sand, snow or slippery feedlots.
- Greater flotation in wet, spongy ground
- Fewer ruts in erosion prone areas
- Switch from 2 to all-wheel drive right from the tractor seat

Come in for all the details

INTERNATIONAL HARVESTER

Finance plans available.

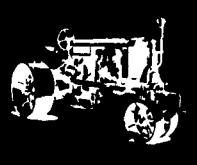
NEW EQUIPMENT

3288, demo	370 disc
784 RC w/TA	720 auto. reset 5 btm.
684, 4 wheel drive	2250 loader
1420 combine, demo	#50 Shredder

WHITE TAG SPECIAL
1420 Combine with 810 head

HARD WORKING VALUES

Waiver of Finance - Low Rate Financing
Low Cash Deals



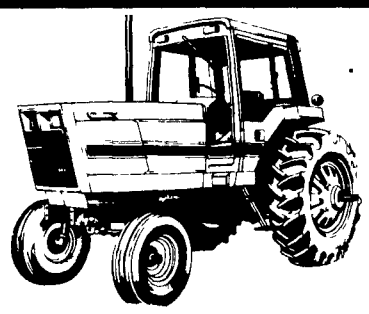
RINGTOWN FARM EQUIPMENT
RD 1, Ringtown, PA
717-889-3184
Since 1949

M & R EQUIPMENT, INC.

NEW PARK, PA

Ph: 717-993-2511 or 717-246-1972

SERVING YORK, BALTIMORE, AND HARFORD COUNTIES
SINCE 1914



CUSTOMER APPRECIATION DAYS
Feb. 13 to 17
Hot Luncheon Served Feb. 13th
DISCOUNTS 10% & MORE ON ALL PARTS

NEW TRACTORS IN STOCK
5088 Farmall
3088 Farmall
884 Four Wheel Drive
784 Row Crop
584 Row Crop
244 Compact Diesel
234 Hydro Compact

IMPLEMENTS

800 - 4 Row Plate Planter
475 18.5' Wing Disc
5100 Drills - All Sizes
35 Hay Rake
720 Plow -5x20"
530 Manure Spreader

USED EQUIPMENT

Used 1440 Combine - Excellent
615 Combine, Cab, 1 Owner
John Deere 2510 Diesel, Good
John Deere 50 w/Picker, Fair
NI 305 Mounted Picker
Cub Low Boy w/Mower
Many 4-Row Conventional Planters
850 Grinder Mixer
No. 10 Grain Drill, Very Good
Used NI Manure Spreaders

AGRICULTURAL EQUIPMENT

I. H. Serves Mifflinburg Since '20's

Mifflinburg Farm Supply began life as Mifflinburg Implement Company, an International Harvester dealership founded by Percy Shade in the late 1920's.

In 1946 one of the firm's employees, Elmer Wolf, bought the business, adopting its present name, Mifflinburg Farm Supply.

The company remained under Wolf's guidance until 1977, when it was bought and incorporated by F. Ernest Snook, Donald Mincemoyer, and William Williams.

Originally located on a one-and-a-half acre site within the borough of Mifflinburg, the firm was moved in 1979 to its present 10 acre location, one mile east of Mifflinburg on Route 45. The spacious facility houses a parts department, three offices, and nine service

(Turn to Page 30)

Employees of Mifflinburg Farm Supply, Inc., include: (L-R) James Boop, sales; Frank Saner, Sales Manager; Mike Schnure, parts dept., Lois Elliott, accounting; Rick Smith, Parts Manager.

Farm-Rite, Inc. — IH dealer since 1974

Farm-Rite, Inc., of Shiloh, New Jersey, has been serving area farmers since 1967, having taken over the Thurman C. Davis Co., a firm with a 50-year history of agricultural sales and service.

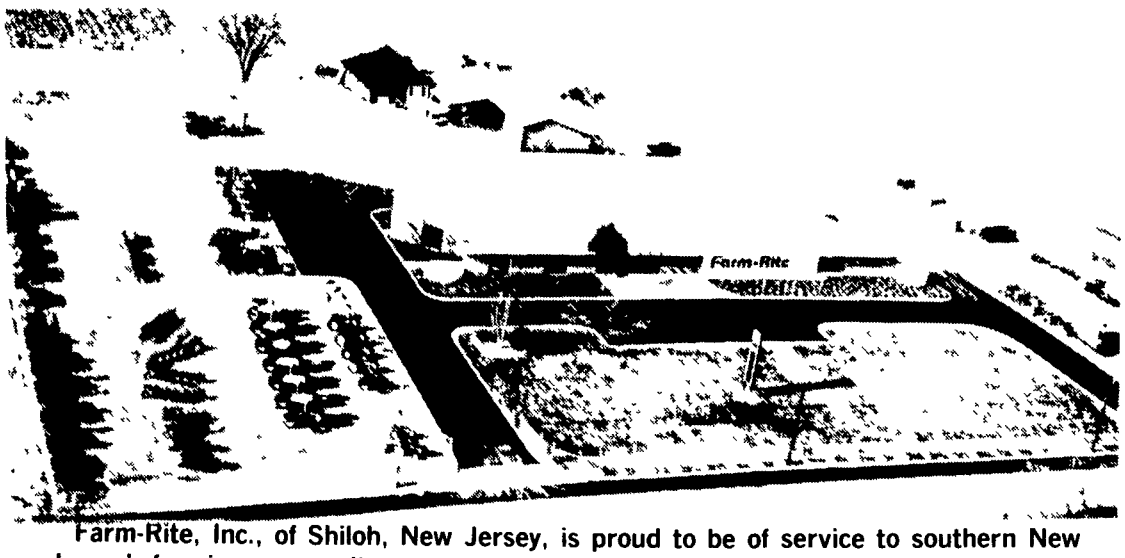
Impressed with the quality of International Harvester equipment, Farm-Rite became an I.H. dealer in 1974, selling and servicing the new line with the same integrity and high ideals as its predecessor.

As the farm community grew, so did Farm-Rite Inc., until in 1978 a new facility was built to house the enlarging operation. The new location, just off Route 49 outside the town of Shiloh, boasts increased office space, parts and service capacity, and larger areas for inventory storage.

Along with Farm-Rite's owner, Donald Strang, and his nephew and Service Manager, Douglas Strang, Farm-Rite's 15 employees include Sales Manager, Richard Stratton and Parts Manager, James Hunt.

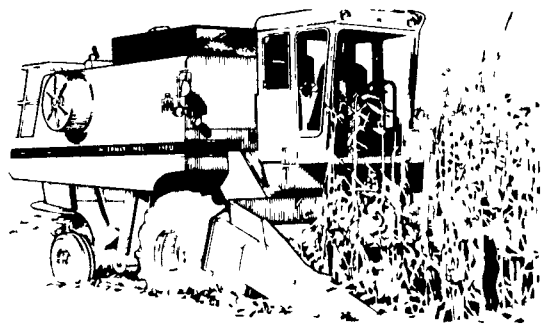
In addition to the sales and service of International Harvester equipment, Farm-Rite's diverse operation includes a grain brokerage department, wholegoods sales department, and a seed, chemical, and fertilizer department as well as the necessary machinery for the hauling and spreading of lime and fertilizer.

Farm-Rite, Inc., is proud to be a part of the farming community and continues to strive for better service to the farmers of southern New Jersey.

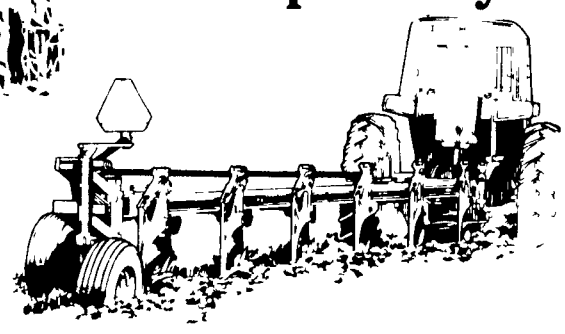


Farm-Rite, Inc., of Shiloh, New Jersey, is proud to be of service to southern New Jersey's farming community.

WHEN YOU HAVE A JOB TO DO - *HOW DO YOU WANT IT DONE?*



- ☐ Right
- ☐ Quickly
- ☐ Efficiently
- ☐ Inexpensively



If you checked all four boxes, then you feel as we do, that todays farmer has to do it right the first time. That is why we sell International Harvester equipment. With a full line of quality made machines that can fit a job like they are made for it, because they are! And with our other fine products and services we stand ready to serve the farmer Year-in Year-out, to try to eliminate that culprit - Down Time. Visit us soon. We believe successful farmers and successful dealerships work hand in hand. From before you drop the first plow in the ground until after you harvest the last bushel of grain - WE STAND READY TO SERVE YOU!

FARM RITE, INC.

Alfalfa & Grass Seed Drills

INTERNATIONAL HARVESTER
AGRICULTURAL EQUIPMENT GROUP

Shiloh Cohansey Road
Shiloh, New Jersey 08353
(609) 451-1368

INTERNATIONAL® AGRICULTURAL EQUIPMENT

SPECIAL PRICES ON ALL NEW TRACTORS AND EQUIPMENT

NEW TRACTORS

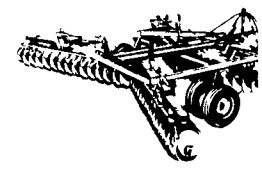
- 5088 w/Cab
- 3688 w/Cab
- 3288 w/ROPS
- 3088 w/o ROPS
- 884 w/TA
- 784 4 WD

- All Above In Stock -

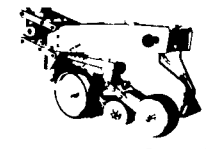
- 784 w/TA
- 684 w/TA
- 584, 52 HP
- 484, 42 HP
- 284, 28 HP
- 244 4WD, 18 HP
- 234 4WD, 15 HP

NEW TILLAGE EQUIPMENT

- 496 19' Flex Disk
- 480 13' Disk Harrow
- 475 12' Disk Harrow
- 6500 10' Cons -Til Chisel
- 5500 All Sizes Mt Chisels
- 4500 12' Vibra-Shank Cultivator
- 510 4F 18" Plow
- 720 5F 18" Auto Reset Plow



ALL ABOVE EQUIPMENT IN STOCK

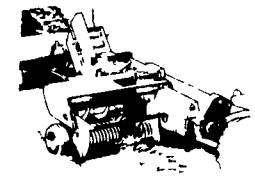


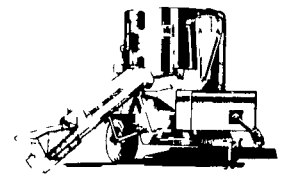
NEW PLANTING EQUIPMENT

- 800 4R & 6R Corn Planters
- 5100 18x7 Drills Pl & Comb

NEW HAY & FORAGE EQUIPMENT

- 428 Baler w/Thrower
- 1190 9' Mower Conditioner
- 781 Forage Harvester
- 881 Forage Harvester
- 130 Forage Box
- 600 Forage Blower



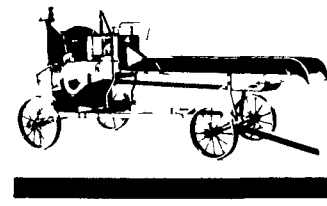


NEW SPREADERS & MISC. EQUIPMENT

- 560 235 Bu Spreader
- 550 215 Bu Spreader
- 540 185 Bu Spreader
- 1250 Grinder Mixer
- 2250 Loader
- 40 Rear Mt Blade

WHITE TAG SPECIALS

	L.P.	S.P.
IH 881 f. harv. w/pick-up	$16,633	$12,950
IH 1250 gr. mixer	$ 8,023	$ 6,650
IH 510 4F-18" plow	$ 4,859	$ 3,650
IH 40 3 pt. blade (heavy duty), 8'	$ 1,310	$ 995
IH 130 Forage Box	$ 6,491	$ 4,450



No 12 A
ENSILAGE CUTTER

MIFFLINBURG FARM SUPPLY, INC.

East Chestnut St., Mifflinburg, PA 17844
Phone: (717) 966-3114
Evenings - 717-524-2924 - Frank Saner

R.T. Markle aims to expand service

Markle Farm Equipment, of State College, was established in 1938 by James J. Markle, who sold the business to his son Richard in 1956. During the same year, Richard built Markle's current shop building and began to operate under the name of R.T. Markle Farm Equipment.

In July of 1981, Dick's five children bought the business, incorporating it, and adding an International Harvester franchise.

An exceptional machinist, Dick was quick to tell his customers, "If we don't have it, we'll get it; and if we can't get it, we'll make it," a motto that his five children adhere to this day.

Key Markle personnel include General Managrer, Aaron Hobble, who also oversees sales, and two of Dick's children who have remained active in operating the business; Office Manager, Jan Gibson, and Parts Manager, Bill Markle.

Since acquiring the I.H. line in 1981, R.T. Markle Farm Equipment has nearly tripled overall business volume, and future plans include expanding the current facilities to accomodate the increasing demand for International service.

R.T. Markle Farm Equipment, Inc., of State College, plans future expansion to meet the increasing demand for I.H. service.

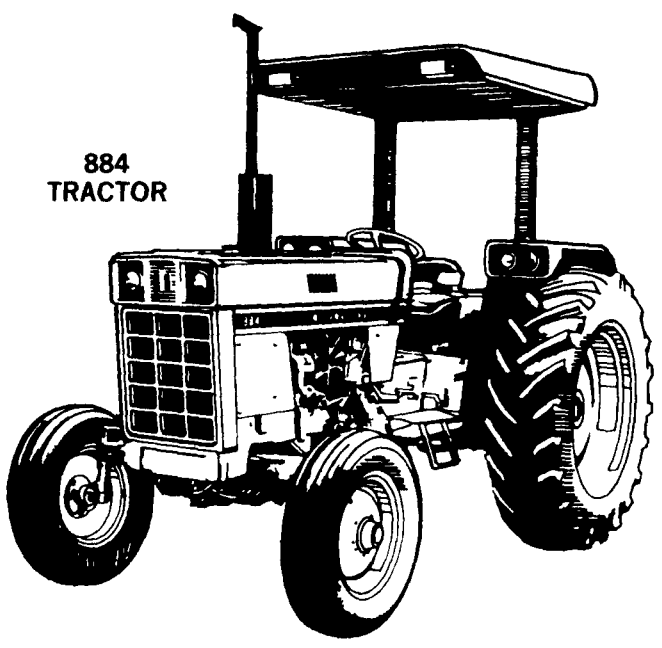
Manor Equipment serves Sinking Spring area

Originally named S.S. Buckwalter, Inc., of Spring City, Manor Equipment was founded in 1948 by Willard E. Babb. Operated as a feed mill and used equipment dealership in its early days, the firm moved to Shillington in 1970, at the same time changing its name to Manor Equipment, Inc., and securing an International Harvester Industrial dealership.

A year later, in 1971, Manor Equipment was once again on the move, this time to its present location on Wheatfield Road, in Sinking Spring.

Though I.H. is no longer in the industrial equipment business, Manor Equipment continues its relationship with International through the sale of I.H. agricultural, and lawn and garden equipment.

With Willard Babb as President, other employees include Vice President Mary Cooper, Secretary-Treasurer Elaine Schappel, Service Manager Donald D. Hamm, and Parts Manager Marvin G. Pawelski.

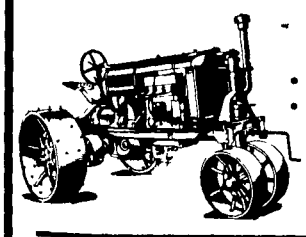


NEW INTERNATIONAL EQUIPMENT

- 244 Tractor, 18 PTO HP
- 484 Tractor - 43 hp. Utility
- 784RC Tractor - 540/1000 PTO
- 584RC Tractor-Exc. Loader Tractor
- 1190 9' Mower/Cond.

INTERNATIONAL WHITE TAG SPECIALS

• 5088 Tractor - West. Cab	$33,000.00
• 3288 Tractor - 18.4x38 Rr. tires	$25,000.00
• 884 Tractor - T/A, 2 valves	$17,500.00
• 781 Harvester w/p.u Head & R C. Unit	$12,450.00
• 2250 Loader	$2,500.00
• 720 Plow - 4 bottom, 18", Adj Hitch	$6,000.00
• 720 Plow - 5 bottom, 18", Adj. Hitch	$7,000.00
• 475 Disk Harrow - 11'6"	$4,500.00
• 35 Hdr driven Rake	$2,000.00
• 425 Baler w/#15 thrower	$6,800.00



USED TRACTOR SPECIALS

• IH 886 w/cab, heater, new tires	$15,500.00
• IH Super C - new paint, Exc shape	$1,750.00

FAIRWAY TRACTOR
(Narrow Tread)

INTERNATIONAL® AGRICULTURAL EQUIPMENT

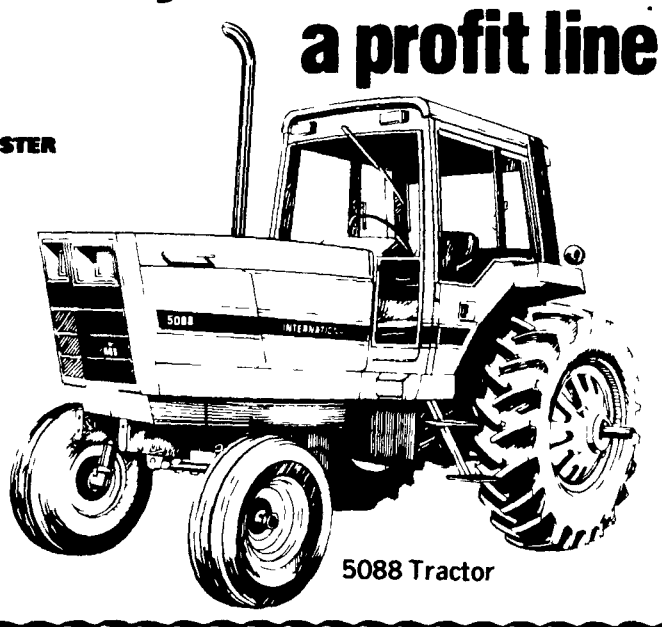
R.T. MARKLE FARM EQUIP., INC.

1841 Pine Hall Drive State College, PA 16801
(814) 237-3141

Performance and reliability to help make your bottom line a profit line.

INTERNATIONAL HARVESTER

PARTS
SALES
SERVICE
NEW and USED EQUIPMENT



5088 Tractor

Waiver of Finance and flexible finance plans.

Own this 5088 (white tag special) tractor for much less than you think. White tag specials expire January 31, 1984.

- **High-torque International turbocharged diesel engines.** You can expect more pull through power
- **Exclusive Forward Air Flow cooling** provides efficient engine cooling, reduces radiator plugging as well as dust and heat blowback
- **All new fully synchonized transmission,** with Synchro Tri-Six shifting, has 18 uniformly spaced forward speeds No gaps No overlaps

PLUS... A 3-year or 2500-hour extended warranty on the engine and drive train! Stop in for complete information

MANOR EQUIPMENT, INC.

Wheatfield Road R.D. 8, Sinking Spring, Pa.
DIRECTIONS: 2 Miles South of Shillington, ½ Mile Off Route 222
PHONE: (215) 678-0828

Bender Implement — With IH since opening

Founded half-a-century ago by Albert F. Bender, Bender Implement Company, of Somerset, PA, was incorporated in 1940, two years after Albert's brother George W. Bender joined him in business.

In 1978 the dealership was purchased by Ray M. Gates, and George A. Weicht, both members of the firm since 1957.

Qualifying as an XL Dealer since 1977, Bender has been an International Harvester dealership since opening its doors in 1934.

With Ray Gates and George Weicht holding the positions of president and secretary respectively, other key Bender personnel include Shop Manager Gary Blocher, Parts Manager Tim Albright, Accounts Receivable Clerk Jeri L. Harbaugh, Bookkeeper Jean Gates, and David W. Williams along with Harvey Mankamyer, both salesmen.

Bender Implement extends a cordial invitation to attend this year's annual Spring Open House, featuring price reductions on new and used equipment, and special incentives on parts. The event gets underway on March 5th, with Premier Day, on March 6th, featuring special equipment displays, refreshments, and door prizes.

Bender Implement Co. has remained at its Edgewood Avenue address in Somerset, PA, since opening its doors in 1934.

Dibble Hardware approaches half-century association

Kern G. Dibble, owner of Dibble Hardware, in Meshoppen, PA, traces the family business back to his grandfather, Kern R. Carter, who founded the store in 1897.

With the turn of the century, Kern's brother, Bill Carter, assumed ownership until 1934 when Carter's son Boyd took control, running the business until 1936.

By April of that same year, the present owner's grandfather, Raymond Dibble, had taken charge, giving the company its long-standing name and adding an International Harvester dealership.

By 1947 Dibble found his post-war I.H. dealership in need of larger facilities, moving the firm on block from its 30'-by-60' building on Canal Street to its present location with over 9,000 square feet of floor square.

Raymond guided the company for 22 years until the next generation, Kern C. Dibble assumed ownership in 1958 and continued at the helm for 15 years.

Remaining active as a business consultant, Kern C. Dibble turned the company over to his son, Kern G. Dibble, in 1973.

After 47 years with I.H., this family-operated concern looks forward to serving its customers during its second half-century with International Harvester.

BENDER IMPLEMENT COMPANY

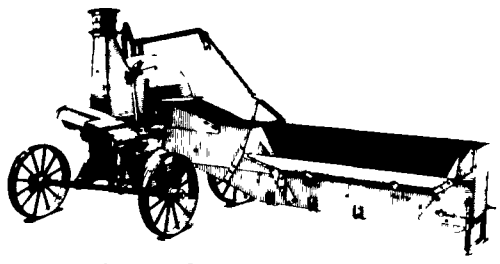
We're Observing Our

50th •ANNIVERSARY•

1934 - 1984

Business Opening 1934 — Incorporated In 1940

50 years of continuous International Harvester Dealership, serving the Somerset County Farm Community with sales & service of International Harvester Products.



We have remained at the same location (742 S. Edgewood Ave. Somerset, Pa.) throughout our 50 years, with extensive remodeling of the facilities in 1977. At that time we qualified for the Award of XL Dealership.

We wish to thank our many patrons and friends for their support and loyalty to the International Harvester Products in the past 50 years, and we are looking to the future with the same pledge of dedication and excellent service to the farming community as we have in the past.

R.M. Gates
PRESIDENT

George A. Weicht
SECRETARY

XL DEALER

BENDER IMPLEMENT COMPANY

FARMALL TRACTORS

742 So. Edgewood Ave. — Somerset, PA 15501

(814) 443-4611

WHITE TAG SPECIALS

Come in now and get our best price on selected new International® tractors and equipment!

Prices on new International tractors, combines, planters, tillage, hay and forage equipment never have been lower. We're "tagging" our outstanding values with special White Tags to call attention to our best buys.

Come see how you can save more on new equipment, and improve your bottom line. Offer expires Jan. 31, 1984.

SAVE EVEN MORE! Buy now and get special financing on all White Tag Specials

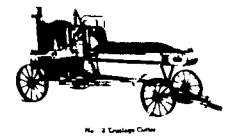
Come in early. Prices are subject to equipment availability!

INTERNATIONAL HARVESTER

This offer subject to change or cancellation by International Harvester Company at any time without notice or obligation

WHOLESALE COST...

IH 370 Disk Harrow, 13'10"	$4561.48
IH 781 Forage Harvester, 540 RPM, 2 Row Cornead	$11,627.00
IH 720 4-Bottom, Automatic Reset Plow	$5,900.00
IH 6010 Consertil Chisel Plow	$3,200.00
IH 244 Diesel Tractor	$4,900.00
IH 254 Diesel Tractor	$6,250.00
IH 8-HP New Cadet	$995.00



★ CALL COLLECT AND MAKE AN OFFER!

Dibble Hardware

Meshoppen, PA

717-833-5337

After 5 - Call 717-833-5894

R.S. Hollinger & Son, Inc., completes 10 years with IH

To relate the entire story of Mountville's International Harvester dealership it is necessary to look to the 1930's when Kauffman Brothers ran their combination I H /Chrysler-Plymouth agency at Central Manor.

In 1939, brothers Harry and Ira Kauffman, along with their father Harvey, moved the business to Mountville, putting both automobiles and farm equipment under one roof. Eight years later, a second building was constructed to accomodate the growing concern.

Kauffman's involvement in the business ended in 1973 when Russel Hollinger bought the dealership, and with his son LaMar, formed the partnership of R.S. Hollinger & Son.

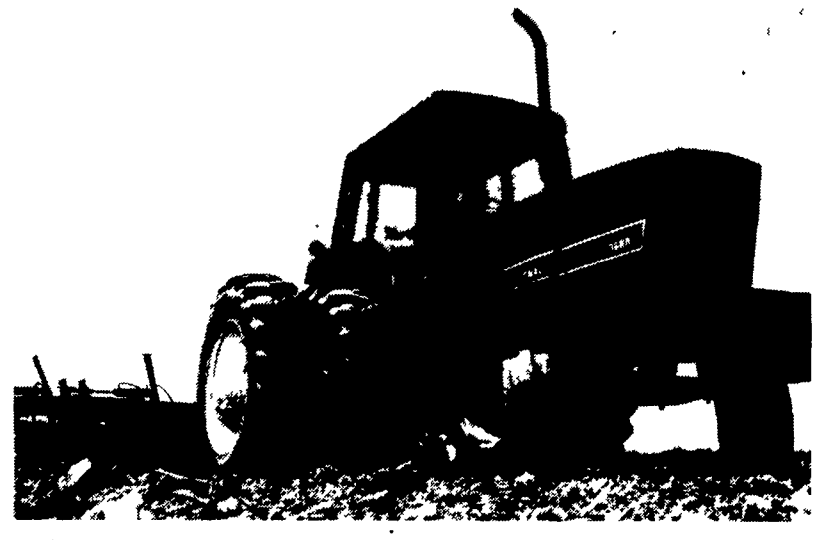
In 1977, Russel's other two sons, Lynn and Leonard, joined the firm, and R.S. Hollinger & Son was incorporated.

Today the company remains at

(Turn to Page 30)

R.S. Hollinger and Son, Inc., provides the Mountville area with International's full line of agricultural and outdoor power products.

PLOWING, DISKING OR PLANTING
Get The RED EDGE PERFORMANCE From IH



SAVE WHEN YOU BUY & SAVE AFTER YOU BUY ON THE BEST PERFORMING TRACTORS & EQUIPMENT EVER BUILT

RIGHT NOW WE HAVE CASH DISCOUNTS, WAIVER OF FINANCE, WHITE TAG SPECIALS, TRIPS TO ENGLAND & FARMALL PLANT

Pre-Season Service Savings — PARTS VALUE OF THE MONTH

SAVE 10% on parts when work is done in our Service Center

PLUS

SAVE 10% on labor when you make cash settlement

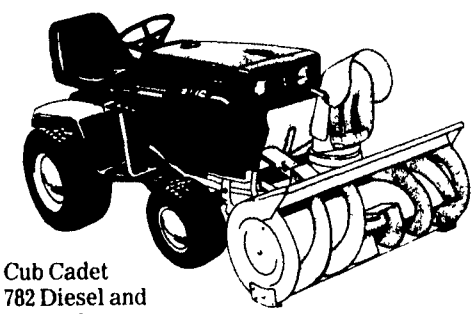
FIX IT while the fixin's good!

- We ll inspect your equipment thoroughly
- We ll repair any parts or components needing repair
- We ll replace those parts likely to fail during the coming season
- We ll lubricate your equipment and make all needed adjustments for top operating efficiency

OFFER GOOD THRU FEBRUARY 15, 1984 - Call now and ask for Lamar to schedule your Farm Tractors and Equipment. For Lawn & Garden Tractors and Equipment, ask for Leonard.

SEE THESE LITTLE DIESELS AT R.S. HOLLINGER & SON, INC.
You Could Get Attached To One Of Them

Especially The New 782 Cadet Diesel!

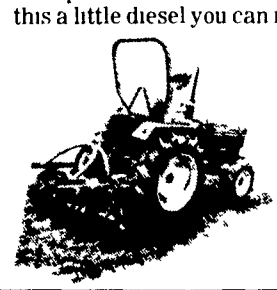


Cub Cadet 782 Diesel and Snow Thrower

The first American-made water-cooled diesel lawn & garden tractor. This Cub Cadet has a 3-cylinder diesel engine that develops 15 hp and features a hydrostatic drive for precise speed control.

Our International compact diesel tractors give you the quality and productive features of high-horsepower tractors, scaled down to a practical size for lawn and garden

Stop in soon and check out all the features that make this a little diesel you can really get attached to



Tractor	PTO HP	PTO RPM
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
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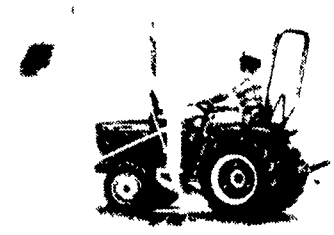
Manufacturer Data as Official Test



GOOD USED TRACTORS

SPECIAL

MODEL 400 SIX ROW NARROW CORN PLANTER
Fully Equipped, Ready To Plant
NOW ONLY $2,600.00

• 1086 w/Cab, Air, Radial Tires	$19,500
• 986 w/Cab, Air, 960 Hours	$21,400
• 706 Diesel	$ 6,900
• 460 Diesel	$ 2,600
• 560 Gas	$ 2,200

Farmall Tractor (Built 1927 to 1929)

R.S. HOLLINGER & SON, INC.

Store Hours
Mon thru Fri 7 to 5 30
Sat 7 to 12 00

PARTS & SERVICE
113 W. Main St., Mountville, PA

PH: 717-285-4538
TOLL FREE: 1-800-732-3525

CERTIFIED SERVICE

IH and New Egypt, : A Bright idea for nearly 70 years

George W. Kinsman, observes 62nd year

The year was 1910 and the draft horse was still the mainstay of American agriculture when Norman Bright began his farm equipment business along Evergreen Road in New Egypt, New Jersey. Dealing in straw and coal as well as implements, Bright added his International Harvester franchise in 1915.

With the founder's death in 1934, his wife, Mildred, took over the business and incorporated with two of Norman Bright's employees, Earl Ivins, and Raymond Buckalew.

In 1962 the firm was sold to Frank Gray, who retained the Norman Bright name, a policy that has endured through 22 years of Gray family ownership.

With Frank Gray's death in 1976, his wife, Elsie, assumed the corporation presidency, with their son, Pete Gray, the Vice-President in charge of accounts payable. The firm's General Manager, Tom Hartshorn, began his lengthy Norman Bright career in 1947, taking over his present position in 1971, Tom's wife, Vivian, handles the company's secretarial duties.

Since the Gray family has assumed ownership, the company has expanded its facilities twice; first in 1975 with the purchase of the 3½ acre disbanded railroad site adjacent to the rear of the property, and again in 1978 when a new five-bay shop building was erected.

Located in the northwest corner of Ocean County, Norman Bright, Inc., has been serving the I.H needs of Monmouth, Burlington, Mercer, and Ocean County farmers for nearly 70 years.

Honesdale, Pennsylvania's International Harvester story began in 1922, when George W. Kinsman and his brother, William, founded the farm equipment dealership of Kinsman Brothers on the corner of 6th and Church Streets.

In 1930 the firm's name changed to George W. Kinsman when William sold his interest to George and his wife, Mary, and the business was moved to its present Main Street location.

With George's son, Robert W. Kinsman, beginning his sales career in 1955, the family firm was incorporated in 1959, four years before the elder Kinsman's death in 1963.

Throughout its career, the firm has grown steadily, with a new 35'by-135' garage being added during the 1940's, and an adjacent two-acre property with two buildings being purchased in 1970.

Active in the business until 1978, Mary Kinsman, wife of the firm's co-founder, remains Secretary-Treasurer of the corporation, with her son, Robert, acting as President.

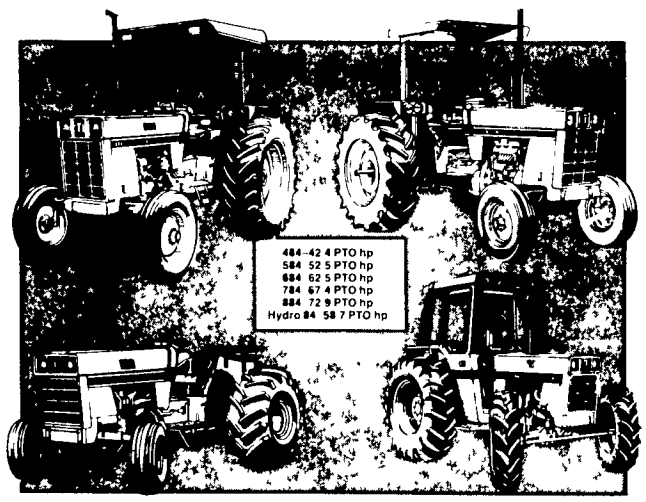
Other key personnel among the firm's 15 employees include Robert's son, George, as Parts Manager, Service Manager Jack Wertman, Sales Manager Kenneth Bonham, along with Secretary Marie Reagan, Bookkeeper Barbara Sobolak, and Robert's wife, Ann, who oversees parts orders and inventory.

A three-generation enterprise, George W. Kinsman, Inc., has served Wayne County's dairy farmers for 62 years.

Norman Bright's original facilities on Evergreen Road in New Egypt, New Jersey, circa 1935.

Your International Harvester Dealer Has The Best Deal of the Year For You . . . NOW!

International® Series 84 Tractors



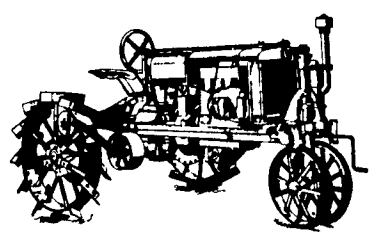
IH has 22 ways to meet your mid-sized power needs

If you're looking for a tractor in the 42 to 72 hp class, come in and check out the one you need from the big International Series 84 line. No other manufacturer has a tractor line that offers so many models with so many standard features. Check them out today. Utility, row-crop, low profile and 4-wheel drive models.

- Economical IH built 4-cylinder diesel engines.
- 16F/8R on 884, optional on 784 and 684. All other models equipped with 8F/4R. Hydro model also available.
- Big capacity hydraulic system.
- Torsion bar draft sensing 3-point hitch.
- Power steering, differential lock and deluxe suspension seat with wrap-around backrest all standard.

* Official test

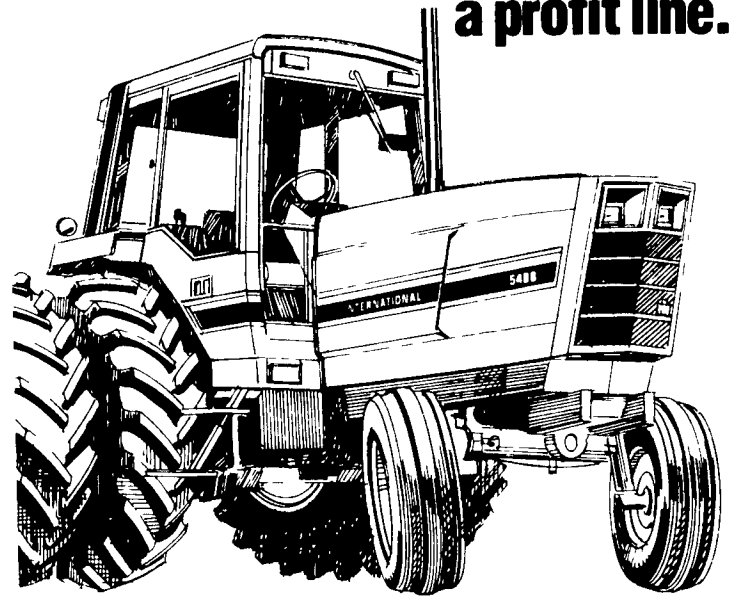
Finance plans available.



Farmall Tractor (Built 1927 to 1929)

GEORGE W. KINSMAN, INC.
516 Main St.
Honesdale, PA 18431
717-253-3440

Performance and reliability to help make your bottom line a profit line.



International® 50 Series Tractors
5088 – 136 1 PTO hp*
5288 – 162 6 PTO hp*
5488 – 187 0 PTO hp*

The 5088 5288 and 5488 tractors are the most fuel efficient and the most productive 2 wheel drive tractors ever to wear the International name Check the features that will enable you to get more work done easier and in less time

- **High torque International turbocharged diesel engines** You can expect more pull through power
- **Exclusive Forward Air Flow cooling** provides efficient engine cooling reduces radiator plugging as well as dust and heat blowback
- **All new fully synchonized transmission** with Synchro Tri Six shifting has 18 uniformly spaced forward speeds No gaps No overlaps
- **Exclusive Power Priority** hydraulic system delivers only the amount of hydraulic power to the hitch and auxiliary valves needed to do the job — saves power and fuel
- **Right-hand command controls** put all important controls at your right hand for convenience and easy operation
- **All wheel drive** models increase traction pulling power and flotation while reducing fuel wasting wheel spin

PLUS A 3 year or 2500-hour extended warranty on the engine and drive train! Stop in for complete information

INTERNATIONAL HARVESTER

Finance plans available

MOST "88" SERIES TRACTORS IN STOCK!

Ask Us For Details on IH Programs Now In Effect!!

Open House Coming March 8th Mark Your Calendar!

NORMAN BRIGHT, INC.
45 Evergreen Road
NEW EGYPT, N.J.
609-723-0300

Messick Farm Equipment shows continued growth

Messick Farm Equipment's beginnings go back to November 26, 1952, when two brothers, Marlin and Merville Messick, broke ground and erected a new building along Route 230, three miles north of Elizabethtown.

The dealership officially opened on February 1, 1953, with Marlin as Shop Manager, and Merville handling both the sales and parts department.

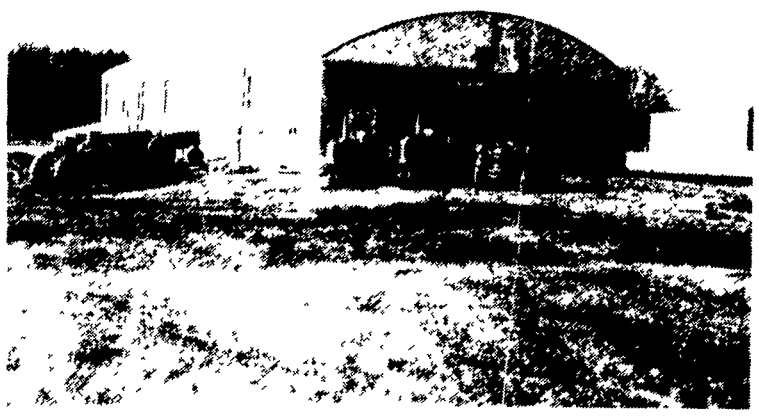
Two years later a full-time salesman and one additional mechanic were hired, and in 1962 an addition was built to the existing building, housing a showroom and additional parts area.

After acquiring full ownership in 1972, Merville incorporated the business with his wife Betty and two sons, Bob and Ken.

The successful Messick enterprise once again outgrew its shell, and a new 21-acre site was purchased at the present location along Route 283, at the Rheems Exit, Elizabethtown.

With the new facilities providing 7,200 square feet of shop space, and 6,000 square feet of showroom, Messick celebrated its grand opening in February of 1977.

Messick Farm Equipment, Inc., now: The current facility located along Route 283 at the Rheems Exit, with 13,200 square feet of showroom and service area.



Messick Farm Equipment then: The original building constructed in 1952, along Route 230, three miles north of Elizabethtown.

Today Messick attributes much of its growth to its 22 employees, including 11 mechanics, four partsmen, three salesmen, and four office personnel.

Factory trained as well as privately instructed, Messick's servicemen have over 70 combined years of experience in the agricultural field. The firm's parts department has 38 years of experience in providing customers with the correct parts as quickly as possible.

To Messick's sales staff, with combined I.H. experience totaling 27 years, the idea of simply making a sale, is secondary to their goal of providing the customer with the correct equipment to get the job done.

Active in community affairs as well, each year Messick's hosts the 4-H Tractor Club, and in 1981 the firm received the PA Agricultural Safety Award from the PA Ag Safety Council for their work in providing fire and ambulance crews with victim extraction training in farm-related accidents. Messick's safety programs have also reached into the home, by providing farm wives with accident procedure instruction.

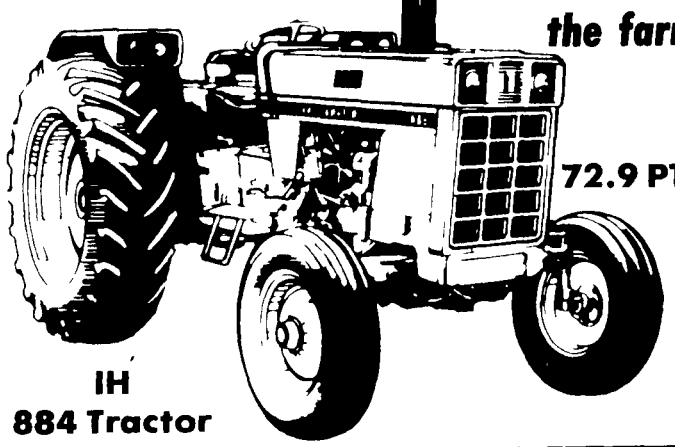
Merville Messick has had many years to watch his firm evolve to a highly respected dealership, and an asset to the farm community. But Messick Farm Equipment is quick to acknowledge that such success could never have occurred without the support of its valued customers.

The Farmer's #1 Choice

Go power!

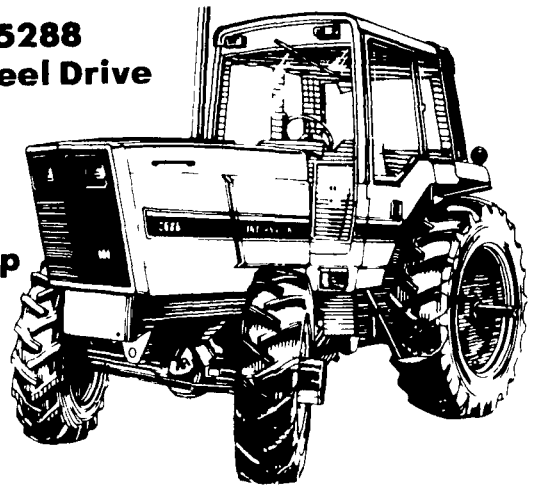
Job-efficient power all around the farm

• PERFORMANCE
• RELIABILITY
• PRODUCTIVITY



IH 884 Tractor 72.9 PTO hp

IH 5288 All Wheel Drive 160 PTO hp



WAIVER OF FINANCE TILL MARCH 1, 1984 OR CASH REBATES OR TRIP TO ENGLAND

Economical diesels for small acreages, general maintenance

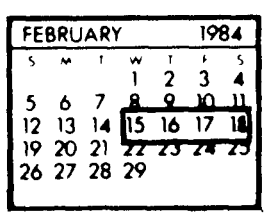
International® :
234 - 15.2 PTO hp*
244 - 18 PTO hp*
254 - 21 PTO hp*

These little workhorses are IH all the way to give dependable, economical service.

- 3-cylinder diesel water-cooled engines with glow-plug starting
- Category I 3-point hitch and live hydraulics
- Full instrumentation.
- 2 wheel and all-wheel drive models
- Protective frame (ROPS) standard

Manufacturer s estimate

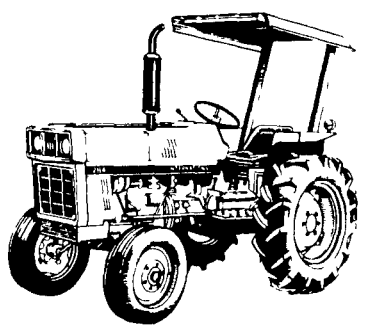
OPEN HOUSE DAYS



Food, Fun, Fellowship, Special Events, Bargains Galore!

Put its versatility to work for you!

International® 284 Diesel Tractor 27.4 PTO hp

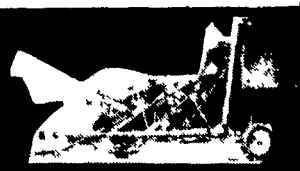


Bring top maneuverability and job economy to any farm, landscaping, nursery or ground maintenance job with the versatile 284 Available in 2 or 4-wheel drive

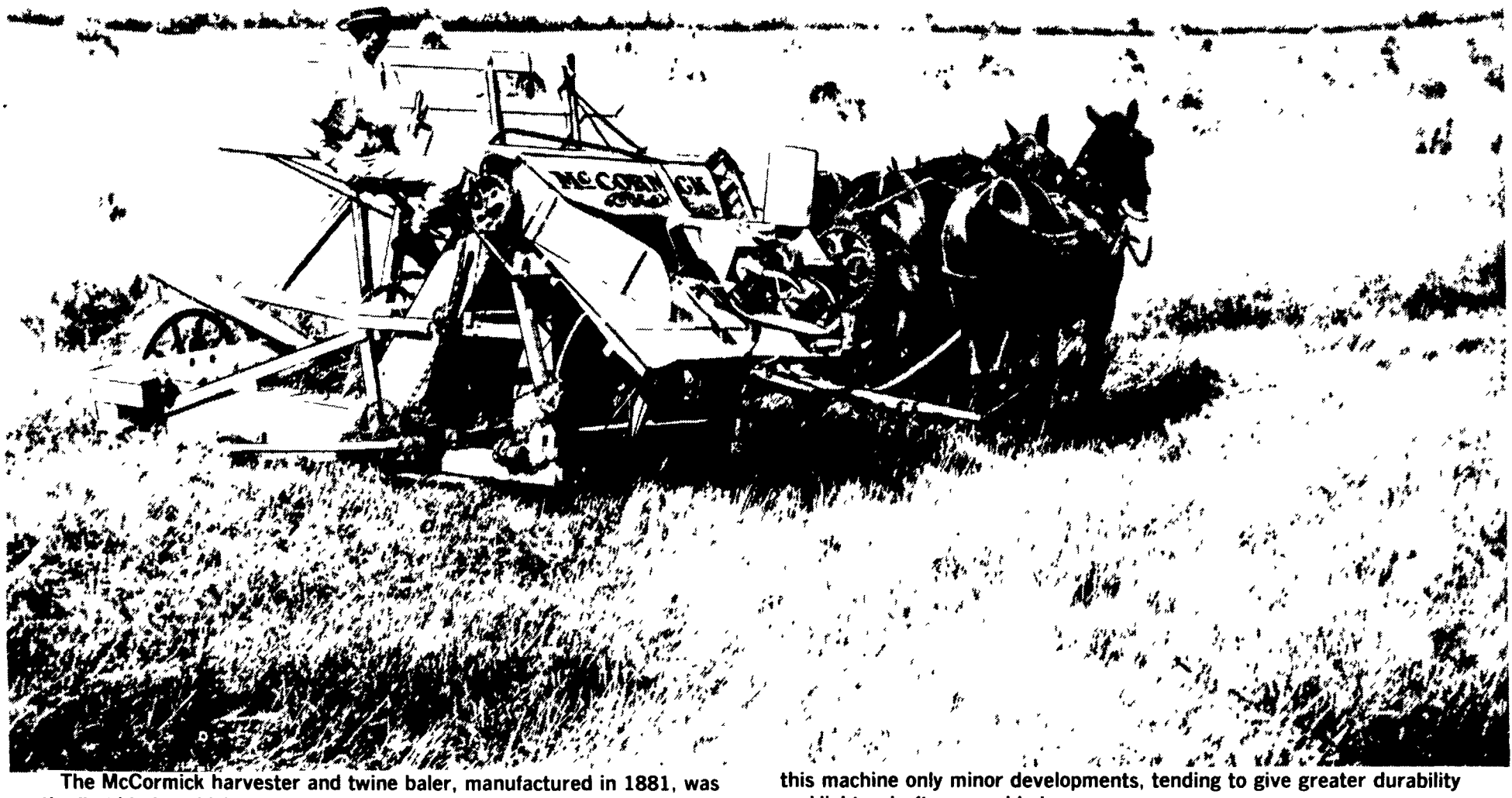
- Economical water-cooled diesel engine
- Fast-acting hydraulics
- 8 forward speeds, 2 reverse
- 540/1000 RPM transmission-driven PTO
- Category I 3-point hitch

MESSICK FARM EQUIPMENT, INC.

Farm Equipment Is Our Business
RHEEMS EXIT, RT. 283, ELIZABETHTOWN, PA.
(717) 367-1319 (717) 653-8867 We Ship UPS



No 52 R Harvester Thresher



The McCormick harvester and twine baler, manufactured in 1881, was the first binder which tied the bundles with twine. After the development of this machine only minor developments, tending to give greater durability and lighter draft, were added.

The revolution the world welcomed

Global Significance

As much as any other single, factor in American History, the invention of the reaper by Cyrus Hall McCormick in 1830 brought the United States from an almost purely agrarian nation to the forefront as the world's greatest industrial power. Until the invention of the reaper, advances in farming methods were so slow as to be almost imperceptible. The farmer was completely at the mercy of the soil and the elements prior to the invention of the reaper. If circumstances caused him to fail to produce, he was confronted with the likely possibility of famine, as time via the earlier primitive tools would not permit him to harvest another crop that year.

Development of Farm Machinery After The Invention Of The Reaper

The introduction of the reaper ushered in an extraordinarily productive era of invention in all lines of farm equipment. Stimulated by the impressive success of McCormick's machine, other inventors attacked the problems of the farmer with equal vigor. During the period between 1830 and 1850, every phase of agriculture underwent rapid development. The steel plow, which made it possible for the first time to turn the rich, sticky soil of the prairies, was introduced to replace the inefficient wood and cast iron implements that had been used for centuries. In 1834, the first threshing machine appeared, doing away with the laborious custom of flailing grain from chaff. Hand sowing of seed started to become obsolete when the grain drill, which permitted rapid, accurate planting, was invented. Harrows and cultivators in vastly improved form were developed-to be eagerly accepted by the pioneers who were opening the American West.

By 1946 the acceptance of the reaper in the great farming areas of the Middle West was complete enough to justify the building of a factory to manufacture reapers in quantity. Cyrus Hall McCormick moved his business to Chicago, the logical shipping center of the new grain territory. His first factory was established on the north bank of the Chicago River near Lake Michigan, becoming one of the first of Chicago's pioneer industries. As his original contracts with outside manufacturers expired. McCormick refused to renew them, preferring, once he had the facilities, to have all his machines built under his personal supervision.

During this period, while McCormick was concentrating on the production of his reaper, he was also developing methods of selling, advertising, and distributing it. Upon the expiration of his original patents, which in spite of litigation were not renewed, he met a sudden increase in competition simply by outselling his rivals and sending his agents throughout the United States to convince farmers in even the more remote sections of the merits of his reaper.

The interests of the farmer were always uppermost in McCormick's mind. Leaving the manufacturing details of his business in the hands of his brothers, he spent most of his time designing and testing improvements on his machine and during the harvest season, studying the reaper in operation. Trips to the harvest areas each year enabled him to keep in close touch with the problems of the farmer and to learn his views on possible improvements. The most popular method of advertising and selling in those days was to stage contests with competing manufacturers before the farmers themselves. McCormick supervised many of these field trials himself, keeping a watchful eye for weaknesses in the performance of his reaper. Because of his insistence upon the highest possible standards of quality and workmanship, McCormick's machines usually came out ahead in such contests. He had, however, the courage and integrity to recognize flaws in his machines and never hesitated to accept advice he considered sound.

The advent of the Civil War lent tremendous impetus to the development and production of farm machinery by draining more than a million men from the farms of the Middle West and placing an increased demand upon the farmers who remained to produce more food. Largely because of the reaper, the Union was able not only to feed a huge civilian and army population but also to ship large quantities of food to Europe.

Without McCormick's invention, according to a contemporary estimate, half the crops would have been left, standing in the fields for lack of labor to harvest them. Lincoln's secretary of war, Edwin M. Stanton, recognized the Union's debt to the reaper in an address in 1861. 'Without McCormick's invention,' he said. 'I fear the North could not win, and the Union would be dismembered.' The impressive war record of the reaper served to convince even the most hesitant farmers of the advantages of farm machinery. Their reluctance to change to new ideas vanished when they saw a possiblility of losing nearly all their crops through a lack of hand labor to harvest them. Final, universal acceptance of mechanical farming was an end result of war.

Formation Of The International Harvester Company

During the latter part of the nineteeth century, the farm equipment industry, influenced by the rapid expansion of agriculture for which it was so largely responsible, grew into one of the most highly competitive businesses in America.

The two leading manufacturers of harvesting machinery at the turn of the century were McCormick's organization and the Deering Harvester Company, also located in Chicago. This company had been founded in 1869 by William Deering, another pioneer in the development and perfection of agricultural implements. In 1902, the two companies combined with three smaller concerns-the Milwaukee Harvester Company; Warder Bushnell and Glessner Company; and the Plano Manufacturing Company to form the International Harvester Company. The prime reason behind the organization of the new Company were to develop new products, to bring about a more diversified line, and to give more attention to the foreign market. Cyrus H. McCormick, son of the man who had perfected the reaper and head of the McCormick Harvesting Machine Company at that time, became the first president of the International Harvester Company the day after its formation.

The effect of the merger upon foreign trade became apparent almost immediately. Spurred on by new capital, new resources, and a larger organization, the Company's foreign business doubled within five years, and withing ten had increase fivefold with the extension of trade, particularly effective in Great Britian, Western and Central Europe, Russia, South America, and Australia. By 1909, factories had been established in several European countries, and sales outlets had been set up in most of the civilized countries of the world. The International Harvester Company's worldwide character had become firmly established.

Ever sensitive to the needs of the farmer, the directors of the new corporation made plans to incorporate into the International Harvester line implements that would serve every purpose of the farm-many of which had not even been dreamed of a few years before. It was felt too, that a more diversified line of products would remove the seasonal character from the harvesting machine business and provide employment on a year-round basis to the thousands of International Harvester factory employers and dealers. The addition of new products would require production at a plant during the periods it was not ordinarily manufacturing harvesting equipment.

The first step in the development of a complete line was the acquisition of the D.M. Osborne Company at Auburn New York, which manufactured a line of harvesting and tillage implements designed to meet the eastern trade. Because of its location near the eastern seaboard the addition of that plant was also in line with the Company's desire to expand its foreign trade. In 1904, the purchase of the Keystone company, at Rock Falls, Illinois, added an historic line of tillage and having tools. This factory, subsequently sold, became known as Rock Falls Works. About this time the Weber

(Turn to Page 26)

Inch Equipment goes the extra mile

On winter mornings a half-dozen farmers gather around the homemade wood stove at Inch Equipment Company, McAlisterville, to share the news of the day. It's all part of the camaraderie that has grown out of more than 40 years of I.H. sales and service in the Juniata Valley.

McAlisterville, located in the center of Pennsylvania's ridge and valley region, is surrounded by a variety of family-oriented farming operations. Poultry, dairy, fruit and hog operations prosper here on the fertile soil of Juniata, Mifflin, Snyder and Perry counties.

Inch Equipment Company is a new dealership born of an old tradition of friendly service, dedicated personnel, and sound business practices characteristic of the former Leister Motor Company. Inch Equipment Company owner, Clair E. Inch, Jr., began selling I.H. farm equipment for Leister Motor Company in 1968. Under Lee Leister's guidance, Clair gained valuable experience in various aspects of the business.

The dealership, sold in 1974, changed hands twice before closing in 1982. During that time, Clair Inch managed and was part owner of Mifflinburg Farm Supply and in December, 1980, assumed sole proprietorship of Inch Equipment Company, Dalmatia.

Meanwhile many farmers of the Juniata valley who had come to rely on I.H. products and the competent service characteristic of the local dealership, assessed the situation. Convinced that Clair Inch would continue in the Leister tradition, they agreed to provide the financial support necessary to open Inch Equipment Company, McAlisterville in May 1983. In December the Dalmatia store was closed and all resources were concentrated at McAlisterville.

(Turn to Page 24)

Inch Equipment shop personnel including (L to R) Paul Sankey and Dennis Lukens, embody the firm's commitment to quality service after the sale.

Inch Equipment Company, of McAlisterville, represents more than 40 years of I.H. sales and service in the Juniata valley.

Hines Equipment — a third generation concern

Though the Hines name has been associated with International Harvester of Cresson, PA, for over 30 years, the family business actually dates to the early part of the century when Joseph Hines began his feed business.

Joseph's son, Edward J. Hines, Sr., joined his father in the mid-20's, adding an I.H. franchise to the family-owned Cresson Feed Mill sometime in the early 1950's.

By April of 1965 Edward's sons, Edward, Jr., and Gene, had taken charge of the implement business, moving the I.H. line to its present location just off the Route 164 exit on new Route 22.

As their International venture took hold, the brothers found their office area and four shop bays inadequate to meet the needs of a growing dealership. Finally, in the early 1970's, Hines Equipment expanded, adding six more shop bays, an addition to house lawn and garden equipment, and a large facility for assembly and handling of their products.

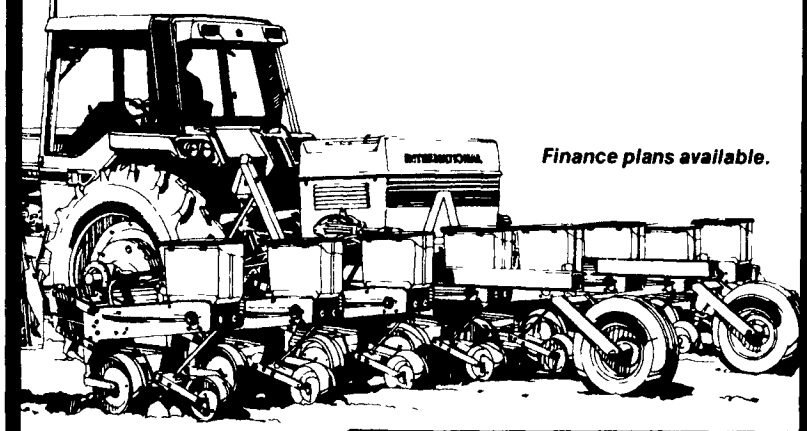
Meanwhile Edward Hines, Sr., continued to manage the Cresson Feed Mill, until his retirement in 1978.

An XL dealership since the mid-1970's, Hines Equipment is presently a corporation owned and managed by the two Hines brothers, the third generation to serve the farming community of Cambria County.

First in total planting efficiency. First in seed environment control!

IH Early Riser 800 Series Cyclo® Air Planter

Revolutionary Cyclo Air planters lead the field with everything you've ever wanted in a planter. Exclusive IH row units are unmatched for uniform planting depth, control of seed furrow shape and moist soil put-back on seed. The result is faster earlier planting and earlier rising crops. And the unique IH air planting system features high-speed metering accuracy and positive seed placement. Handle a wide variety of sized or unsized seeds. And when you want to change crops, you can switch seed drums in a jiffy without tools. Big 15-bushel seed hopper keeps you planting longer. Trailing or mounted models, 4 to 12 rows.



Finance plans available.

AGRICULTURAL EQUIPMENT

Just A Few Of Our Used Machines...

- I-84D Hydro Row Crop Tractor, 860 Hrs.
- F-656 Gas Tractor, WFE, 2 pt. Hitch
- F Super M
- F "M"
- IH 420 3x16 Plow, 3 Pt.
- Kasco 12' Mtd. Chisel Plow
- AC 600 No Til Planter, 4x30
- IH 400 Planter, 4x38
- IH 990 7' Mower Cond.
- MF 510D Hydro Combine, Cab w/Air, 4x30 Cornhead, 12' Platform, Quick Attach.
- IH 863 Cornhead, 6x30
- IH 540 Spreader
- Gehl 120 Grinder Mixer

Full Line of New IH Tractors, Equipment And Cadets In Stock!

OPEN HOUSE
Feb. 14 & 15

Old Fashioned Pancake Days!

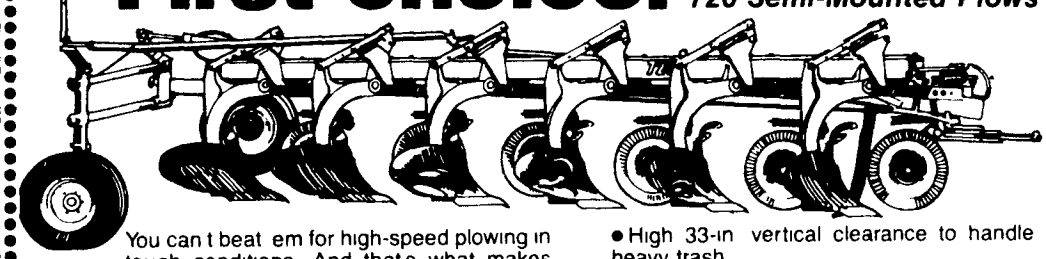
8 AM to 4 PM

10% CASH DISCOUNT ON PARTS
Feb. 13 to Feb. 18

- Door Prizes
- Displays
- Special Equipment Deals

INCH EQUIPMENT CO.
Rt. 35, McAlisterville, Pa. 717-463-2191
Mon. to Fri. 8 to 4:30; Sat. 8 to Noon

First choice! *International® 720 Semi-Mounted Plows*



You can't beat 'em for high-speed plowing in tough conditions. And that's what makes them so popular with farmers who demand a quality plowing job. Come in now and select your size and style.

- 4 to 8-furrow sizes with 16 or 18-in. spacing
- 5/6-furrow size with 20-inch spacing
- High 33-in. vertical clearance to handle heavy trash
- Choice of toggle-trip or automatic reset beams
- Clean, rugged design high-strength backbone and beams

Finance plans available

INTERNATIONAL HARVESTER

NEW IH TRACTORS

Int. 234, 4 WD
Int. 3088
Int. 3688
Int. 5088
Int. 3588

Proven Power ready to go!

NEW IH EQUIPMENT

SPREADERS
595
540

PLOWS
420 3 Bottom
720 5 Bottom, 18" Toggle
720 5 Bottom, 18" Auto.
415 Packer Mulcher, 10 Ft.
6000 Conser-Till, 10 Ft., 10 Tooth
6000 Conser-Till, 13 Ft., 13 Tooth
6000 Conser-Till, 13 Ft., 10 Tooth
5000 Vibra Chisel, 18½ Ft.
5500 Chisel Plow, 13 Ft., 3 Pt.

MISCELLANEOUS
2350 Loader
35 Rake
120 Forage Box
781 Forage Harvester

McCormick-Deering No 6 Hammer Mill

HINES EQUIPMENT
Exit Rt. 164 Off New Rt. 22
Cresson, PA 16630
(814) 886-4183

INTERNATIO

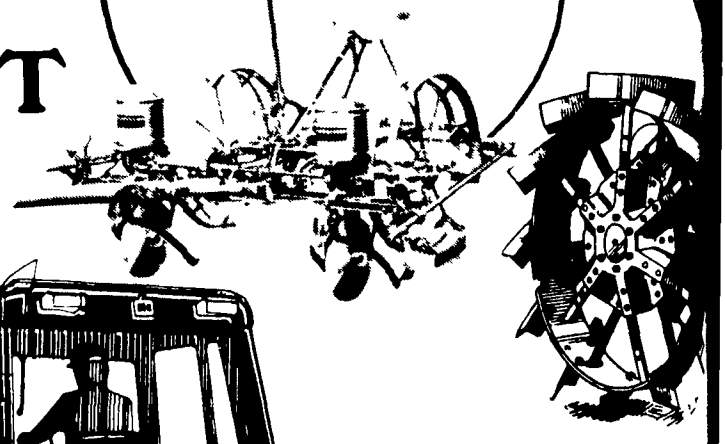
50 YEARS OF PERFORMA
TO HELP MAKE YOUR BOT

1934.
McCormick Deering 100 Series planters & drills equipped with stub runners Quick and detachable

EARLY RISER IS READY FOR NO-TILL PLANTING WHEN YOU ARE.

Early Riser planters are designed to provide you an ideal seed environment for fast, early germination and uniform emergence in minimum-till and no-till planting as well as conventional planting. So you get proven excellent germination and uniform emergence without added equipment, fuel and labor costs for seedbed preparation. The Early Riser advantage: More yield potential and profit is built into your crop production If you need more performance from your planter, see us for the complete Early Riser lineup.

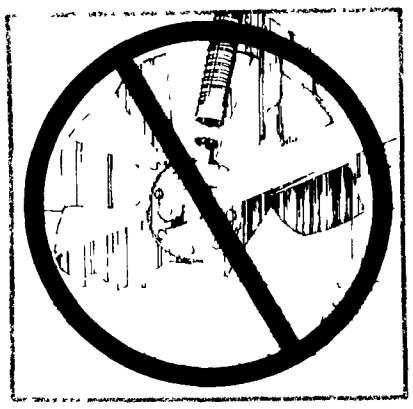
1934.
The No 102 CHECKROW PLANTER with double disk furrow openers Single disk openers were also available Disk furrow openers for hard ground or weedy fields



BUILT-IN NO-TILL PERFORMANCE WITHOUT BUILT-IN EXTRA COST.

If you are looking for a planter that can go from conventional till to minimum or no-till without adding the extra cost of no-till coulters International Harvester has your answer It's the 800 Series Early Riser planter

In side-by-side on-farm tests, an independent test firm confirmed that the exclusive design of International® staggered double disk openers penetrated hard ground and cut through trash better than either the John Deere Max-Emerge® 7000 Conservation or Allis-Chalmers 333 No-Til planters **with** coulters



Test results also proved Early Riser outperformed both Deere and AC in both emergence and yield. And farmers confirmed that Early Riser is fastest and easiest to calibrate and adjust in all planting conditions

If you are considering a new planter, get the planter that's ready for no-till when you are the International Early Riser See us today

Early Riser Planters

AL HARVESTER

NCE & REIABILITY

TOM LINE A PROFIT LINE.

1934. FARMALL F-20

Features • 24 13 Belt & 16 12 Drawbar HP • 4 Forward Speeds of 2¼, 2¾, 3¼, 3¾ MPH • F-4 Magneto • Zenith Model K-5 Carburetor Production ended in 1939 with a total of 148,960 F-20's built

Finance plans available.

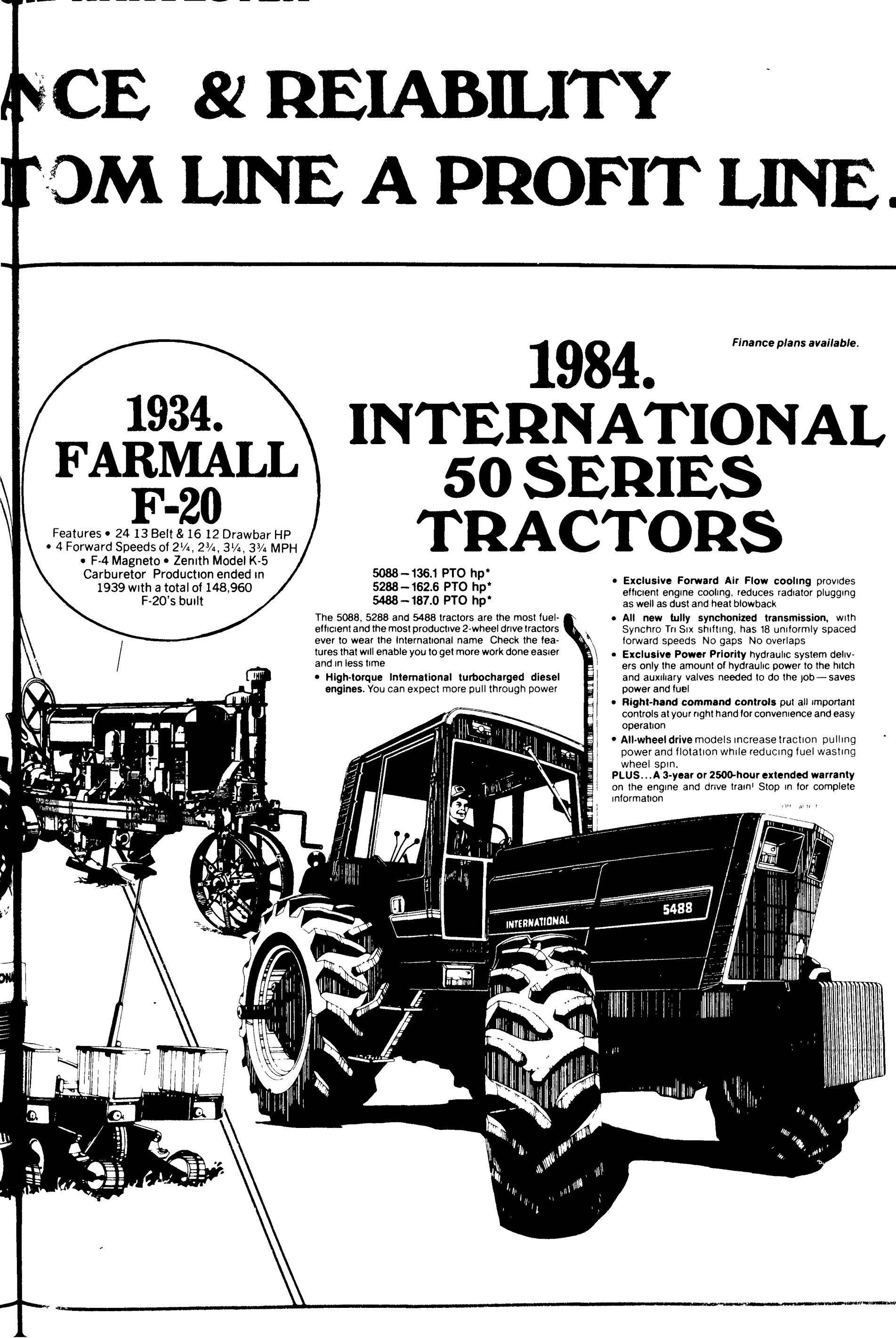
1984. INTERNATIONAL 50 SERIES TRACTORS

5088 – 136.1 PTO hp*
5288 – 162.6 PTO hp*
5488 – 187.0 PTO hp*

The 5088, 5288 and 5488 tractors are the most fuel-efficient and the most productive 2-wheel drive tractors ever to wear the International name Check the features that will enable you to get more work done easier and in less time

- **High-torque International turbocharged diesel engines.** You can expect more pull through power
- **Exclusive Forward Air Flow cooling** provides efficient engine cooling, reduces radiator plugging as well as dust and heat blowback
- **All new fully synchonized transmission,** with Synchro Tri Six shifting, has 18 uniformly spaced forward speeds No gaps No overlaps
- **Exclusive Power Priority** hydraulic system delivers only the amount of hydraulic power to the hitch and auxiliary valves needed to do the job — saves power and fuel
- **Right-hand command controls** put all important controls at your right hand for convenience and easy operation
- **All-wheel drive** models increase traction pulling power and flotation while reducing fuel wasting wheel spin.

PLUS...A 3-year or 2500-hour extended warranty on the engine and drive train! Stop in for complete information



Gleason & Baker serve northern Pa.

When Mansfield resident Wilbur Wood's home burned to the ground in 1978 he was quick to rebuild, but the problem of what to do with his mailbox remained. Mounted on a post that seemed scarcely up to the task, Wood's mailbox was the familiar butt of many a joke peddled among his Tioga County neighbors.

Hearing of his plight, Gleason & Baker mounted Wood's mailbox on Tioga County's first large 4WD tractor, a brand New International Harvester 4186, burying forever the sarcastic gossip.

Though a bit on the outlandish side, such an incident typifies the Gleason & Baker tradition of kinship with its northern Pennsylvania and New York customers.

The year was 1940 when Mr. Gleason and his partner Archie Baker began their I.H. Equipment business in a small garage in Elkland, PA. But with the post-war boom in farm equipment sales, came Gleason & Baker's new building, still in use today on the company's three-acre site bordering South Buffalo Street.

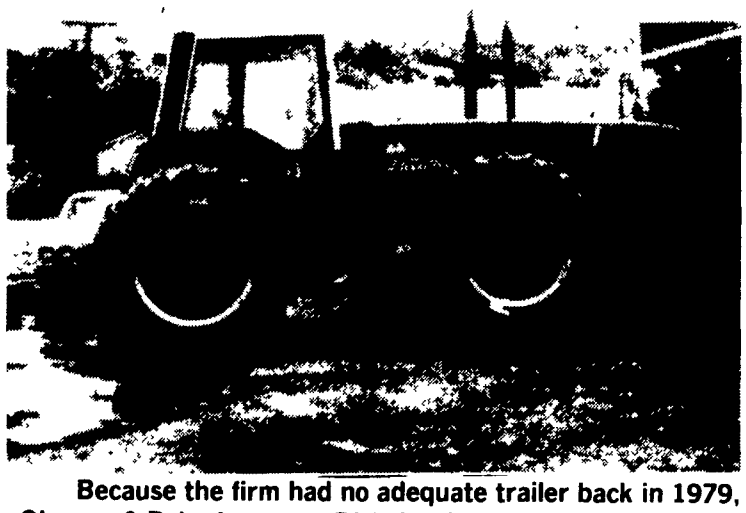
After 22 years of service to the farmers of the Cowanesque Valley, Mr. Baker and Mr. Gleason's widow, Myrtle Gleason, sold the firm to Baker's nephew, Wendall Baker, and Gleason's son-in-law, Clyde Mowry.

The two new partners shouldered sales and shop management responsibilities unassisted, until the company's growth made it apparent that more hands were needed on deck.

With the addition of former I.H. Zone Manager, Richard Jacobs, to their sales force, the two partners began a gradual phase-out of their own duties, delegating an increasing amount of responsibility to Dick Jacobs. This strategy led to Jacob's acquisition of half the firm in late 1981, with the remaining partner relinquishing his portion of the business to Jacobs in November of 1982.

Retaining the name of Gleason & Baker, Dick now runs the business with his wife Joyce handling the

(Turn to Page 30)



Because the firm had no adequate trailer back in 1979, Gleason & Baker's owner, Dick Jacobs, drove Tioga County's first I.H. 2+2 tractor to his customer's door.

Arena combines IH and GM in New Jersey

Founded as an International Harvester dealership in 1937, by Salvatore Arena and his son Angelo, Arena also handles Oldsmobiles and Pontiacs at its White Horse Pike location in Hammonton, New Jersey.

Salvatore's son, Joseph Arena, Sr., joined the firm in 1944, later acquiring sole ownership of Arena Olds-Pontiac in 1978.

A third generation of Arenas, represented by Joseph, Jr., came with the dealership in 1977, and currently manages the automotive parts department, while his father oversees the agricultural line.

Other employees among Arena's staff of 11 include Parts Manager, Ben Bruno and Service Manager, Joseph Schulze.

Catering to Atlantic County, New Jerseys fruit and vegetable farmers, Arena handles both International's Agricultural and Outdoor Power Products lines.

Job-efficient power all around the farm

International® 884 Tractor

*72.9 PTO hp**

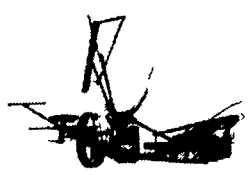
INTERNATIONAL HARVESTER

It's fast responsive and has plenty of power to handle all kinds of jobs from field to feedlot There's big power to handle hard-pull tillage high capacity hydraulics for productive loader work plus independent PTO for forage harvesting or baling With more standard features than any other tractor in its class you get more for your money

- Torque Amplifier transmission with 16F/8R synchronized speeds
- Independent 540/1000 RPM PTO
- Category II 3-point draft sensing hitch
- Power steering differential lock planetary final drives and big capacity hydraulic pump
- Row-crop utility low-profile and 4-wheel drive models

Offic al test

Finance plans available.



TYPE "L" REAPER

NEW TRACTORS

3388
5088
884D 4WD
784
244D 4WD

USED TRACTORS

F 706D
I 434 Gas
Farmall M

NEW EQUIPMENT

800 4 Row Cyclo Planter
881 Forage Harvester
5500 Chisel Plow, 7 Ft. & 11 Ft.
370 12 Ft. Disc Harrow
415 Roller Mulcher, 12 Ft.

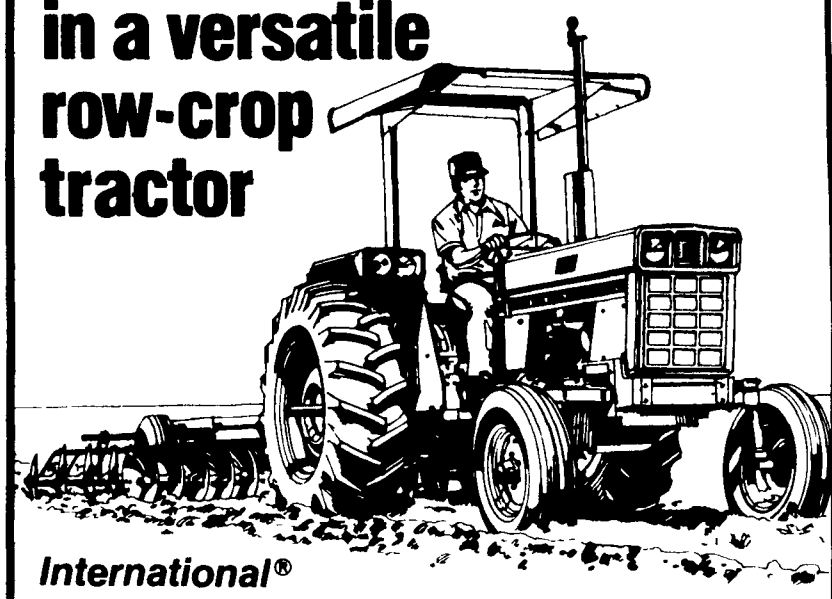
USED EQUIPMENT

Brillion Packer Mulcher, 12 Ft.
IH 82 Combine, Excellent
Clark 4000 Lb. Forklift
AC No Till Planter Cyclo
NH 275 Baler w/Thrower

GLEASON & BAKER

102 South Buffalo St. Elkland, PA 16920
(814) 258-5137

Power and economy in a versatile row-crop tractor



International®

Series 84 Row-Crop Tractors

584—52.5 PTO hp*
Hydro 84 —58.7 PTO hp*
684—62.5 PTO hp*
784—67.4 PTO hp*
884—72.9 PTO hp*

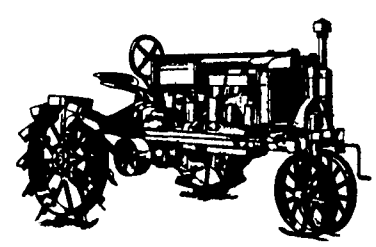
- Economical IH-built 4-cylinder diesel engines.
- 16F/8R standard on 884, optional on 784 and 684. 8F/4R standard on all other models. Hydro model also available.
- Hydraulic disc brakes, differential lock, power steering. 3-point draft sensing hitch, independent PTO and more, all standard equipment.

AGRICULTURAL EQUIPMENT

* Official Test

ARENA OLDS-PONTIAC

227 White Horse Pike
Hammonton, NJ
08037
609/561-0707



Farmall Tractor (Built 1930 to 1932)

Vough & Sons, Inc. brings NY customers to Pa.

Though Vough & Sons, Inc. of Bangor, PA has been an International Harvester dealer since 1955, the business actually got underway in 1944 when Clark E. Vough began his repair shop in Bangor, working predominantly on International Harvester implements.

By 1964 it was apparent that more room was necessary to accomodate an increase in business, and the firm moved to its present location along Flicksville Road, about three-quarters of a mile outside of town.

Nineteen seventy-four marked the beginning of the second generation of ownership as Clark's sons Edward and Earl took charge of the business.

With Earl acting as President and Edward managing the shop and secretarial duties, other employees include Bookkeeper, Mary Frances, Parts Manager, Paul Lockard, mechanic, Mark Uhler, truck driver, James Martin, and Earl Lambert in the parts department.

Being located in eastern Pennsylvania, only a short distance from the Delaware River, Vough & Sons find themselves providing parts and service to many New York customers, as well.

But regardless of which state they're from, February is a big month for Vough customers with the company's Inventory Sale beginning February 1, and running for three weeks, this year featuring reductions on all 3288, 3688, 5088, and 5488 series tractors.

INTERNATIONAL HARVESTER

IH receives new product award

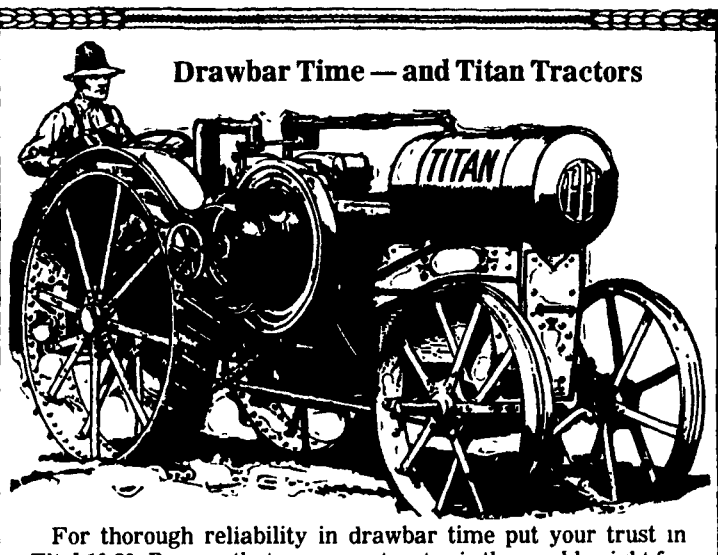
International Harvester was awarded the Illinois Society of Professional Engineers Governor's New Product Award for its 50 Series farm tractors in ceremonies recently conducted by Illinois Governor James R. Thompson.

The society's award was for the design of IH's microprocessor controlled, monitored and safeguarded transmission in the three 50 Series tractors, which range from 135 to 187 PTO horsepower.

IH's award was for the heavy industrial category. Two other Chicago-area firms also were honored by the governor. American Research and Engineering, Elgin, was awarded for a microminiature switch it developed for electronic devices, and Oak Switch Systems, Crystal Lake, was honored for a high speed data entry keyboard.

IH's 50 Series tractors were introduced in 1981, culminating a seven-year development program in which IH invested more than $200 million for research and capital improvements. The tractors were designed at the company's Agricultural Equipment Engineering Center in Hindsdale and are built at IH's Farmall plant in Rock Island.

Located near PA's eastern border, Vough & Sons, of Bangor caters to many New York I.H. customers as well.



Drawbar Time — and Titan Tractors

For thorough reliability in drawbar time put your trust in **Titan 10-20.** Be sure that your new tractor is thoroughly right for plowing, seed-bed making, harvesting, etc.

Rely on the good material in Titan construction, and in kerosene economy. Be sure of practical details and conveniences — such as Titan wide fenders, comfortable platform and seat, and adjustable drawbar — making for day-after-day satisfaction in the field.

A little later when the belt-power season looms biggest, such essentials as the throttle governor, and the large, wide friction-clutch pulley in **Titan 10-20** will demonstrate again the wisdom of your choice.

When you make your power investment, remember the reputation of the International Harvester tractors, and the security in International Service. Early decision and action is necessary!

INTERNATIONAL HARVESTER COMPANY
OF AMERICA
Billings, Mont Cheyenne, Wyo Denver, Colo Helena, Mon
Los Angeles, Cal Portland, Ore Salt Lake City, Utah
San Francisco, Cal Spokane, Wash

Drawbar Time and International® 5088, 5288 and 5488 Tractors

High-torque turbocharged diesel engines plus a highly innovative transmission with 18 uniformly spaced forward speeds usher in a new dawn of performance for greater day after day productivity and reliability. Here are just some of the features that make the 50 Series tractors the industry standard for engineering excellence.

- International turbo diesel engines with 136.1*. 162.6* and 187.0* PTO hp
- Exclusive Power Priority hydraulics
- Exclusive Forward Air Flow cooling
- Smooth, easy Synchro-Tri-Six shifting
- 2 wheel drive and all-wheel drive models available

PLUS... A 3-year or 2500-hour extended warranty on the engine and drive train! Stop in soon for details.

1831 - 1984

Now, As Then...
When you make your power investment... remember

International Harvester & Vough & Sons, Inc.

6 Flicksville Road Bangor, PA 18013
(215) 588-5922

• FARMALL TRACTORS • FARM EQUIPMENT • PARTS & SERVICE

Original building still in use at Melvin J. Sheffer

The original frame building is still in use today, where in 1893 John H. Sheffer and David M. Frey struck a partnership in the implement business. Located in downtown Hanover on what was then known as the Borough Commons, the concern of Sheffer & Frey was turned over to Sheffer's son, Melvin J. Sheffer, in 1912.

With the death of Melvin Sheffer in 1943, the firm continued operation as the Melvin J. Sheffer Estate until the death of Melvin's wife Daisy C. Sheffer on 1946, when the business was incorporated and taken over by Melvin's sons Robert S., and John M. Sheffer.

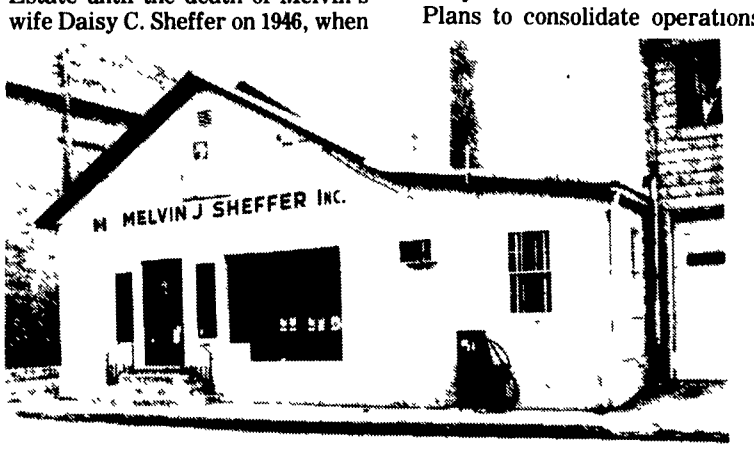
Beginning his relationship with International Harvester in 1916, the colorful Melvin Sheffer continued trading mules for shiny new International tractors well into the 1930's and 40's. To alleviate its growing pains, the firm purchased an adjacent display lot in 1927, and continued a tradition of growth with the addition of a store in nearby Littlestown in 1945.

Plans to consolidate operations at their Hanover location prompted brothers Robert and John to sell their Littlestown location in 1981, and purchase the facilities of a then-vacant automobile dealership in May of 1982.

With ample showroom, service, and warehousing areas, the Melvin J. Sheffer, Inc., facilities now occupy nearly 2½ city blocks at their downtown Hanover location.

A full-line I.H. dealership, the firm maintains 15 employees including Robert's son, R. Vance Sheffer, the company's Vice President and Manager of appliances and garden equipment, representing the fourth generation of Sheffers to join the firm.

With Robert Sheffer as President, and John the Secretary and Treasurer, other personnel include Harold D. Smith, Manager of farm equipment and the shop, and Philip W. Moul, the company's Parts Manager with over 40 years of service.



The original headquarters of Sheffer & Frey in 1893, this building remains an integral part of Melvin J. Sheffer, Inc., located in Hanover, PA.

The purchase of this former auto dealership in 1982 permitted much needed expansion of Sheffer's showroom, service, and warehousing facilities.

Swope and Bashore, Inc.'s floor space doubled with the erection of their new facility in 1978.

Swope and Bashore cites long-time IH tie-in

Incorporated in 1967, Swope & Bashore, Inc., traces its beginning to 1890 when the original store was founded by Jonathan Swope in Frystown.

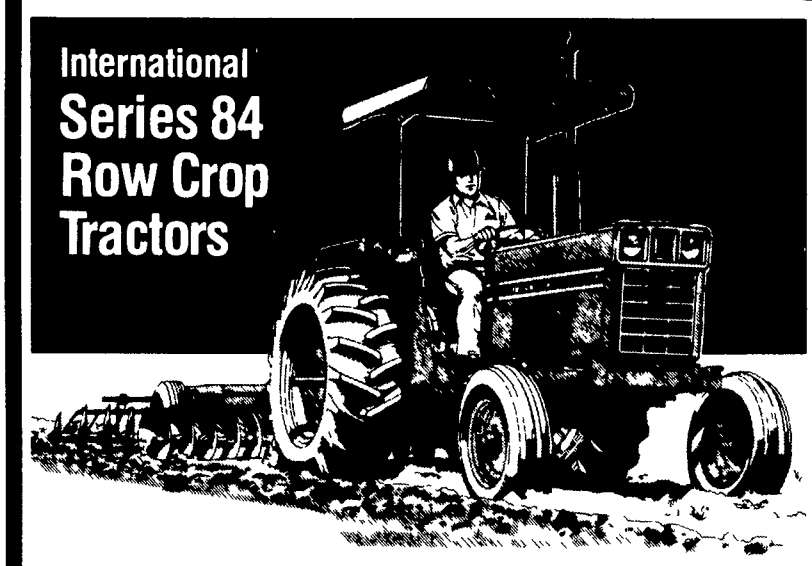
Acquiring a McCormick-Deering franchise in 1898, Jonathan Swope took his son, D. Augustus Swope, as a partner in 1917, a relationship that lasted until 1921 when the younger Swope assumed full ownership.

A popular general store handling farm equipment, plumbing and electrical supplies, and hardware, Swope's Store once again became a partnership in 1949, and was incorporated eight years later in 1957.

Maintaining a continuous relationship with International Harvester until 1965, the company discontinued its contract, renewing it two years later when Swope's Store, Inc., became Swope and Bashore, Inc., under the leadership of Curtis C. Swope, and Curtis R. Bashore.

With Curtis Swope's retirement in 1977, and his partner's retirement five years later, the store is currently owned by

(Turn to Page 30)



Versatile field tractors with IH reliability and economy

584—52.5 PTO hp*
Hydro 84—58.7 PTO hp*
684—62.5 PTO hp*
784—67.4 PTO hp*
884—72.9 PTO hp*

International has a complete line of row crop tractors that are ready to work whenever and wherever you are Choose the tractor that's just right for your operation

- Economical IH-built water-cooled diesel engines
- 16F/8R standard on 884 optional on 784 and 684 8F/4R standard on all other models Hydro model also available
- Hydraulic disc brakes differential lock, power steering, 3-point draft sensing hitch independent 540 RPM PTO and more all standard equipment

*Official test

INTERNATIONAL® AGRICULTURAL EQUIPMENT

Finance plans available

JANUARY SPECIAL
IH 684 Tractor w/TA **$17,885.00**

EARLY RISER GIVES YOU BUILT-IN NO-TILL PERFORMANCE WITHOUT BUILT-IN EXTRA COST.

JANUARY SPECIAL
4 Row 800 Planter, Fully Equipped **$7,895.00**

McCormick-Deering No 7 Two-Horse Mower

USED TRACTORS

- IH 806, 3 pt. Hitch, Canopy, Very Good $8500
- IH 560, Fast Hitch, Good Cond.. $4500
- IH Farmall 300, Ex. Cond., New Paint $2100
- Farmall A, New Paint & Rubber $1095
- Farmall C, Nice $1450
- 1977 IH 674D, 2450 Hrs , Very Good Condition $8500
- 656 D Hydro $6750

INTERNATIONAL HARVESTER

MELVIN J. SHEFFER INC.
est. 1893
121 Railroad St. and 100 Chestnut St.
Hanover, PA 17331
(717) 637-3808

INTERNATIONAL HARVESTER

YOUR BEST DEALS ON FARM EQUIPMENT

WHITE TAG SPECIALS

Now!
Get our lowest prices on selected new International® tractors and equipment

Come in and see what we've "tagged" for best buys!

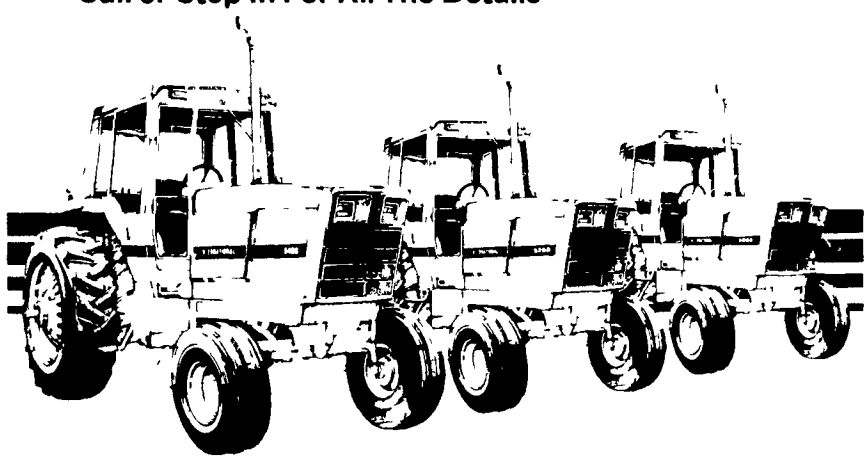
Offers expire January 31, 1984, and is subject to equipment availability.

INTERNATIONAL HARVESTER

Prices Will Never Be Lower On These Items. And, In Addition To Our Lowest Prices And The White Tag Discounts, Most Items Are Eligible For:
Waiver Of Finance (Or Cash Option)

Tractors	TO 3/1/84
Material Handling	TO 3/1/84
Soil Preparation	TO 3/1/84
Planting	TO 5/1/84
Grain Harvest	TO 6/1/84
Hay Equipment	TO 6/1/84
Corn Harvest	TO 9/1/84

Call or Stop In For All The Details

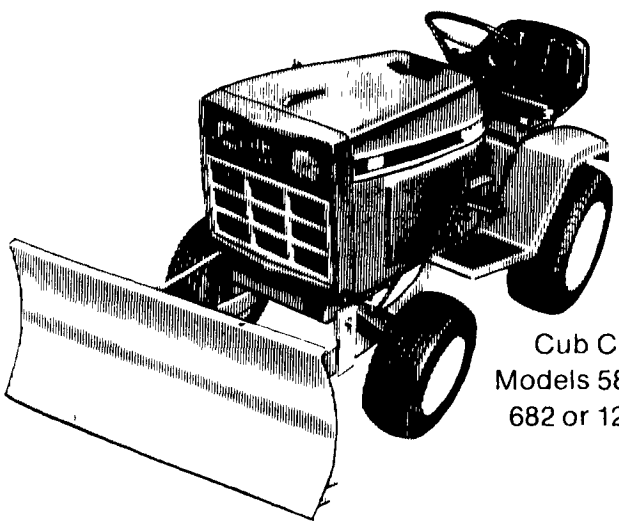


WHITE TAG SPECIALS

* Extra 4% On These Items to January 31, 1984

- 584 Row Crop
- 3288 Tractor w/ROPS
- 5088 Tractor, Demo
- 445T Balers w/15 Thrower
- 56 Blowers
- 6010 Consertill 10 ft.
- 1190 Mower Conditioner 7 ft.
- 4500 Vibra Shank 12.5 Ft. to 18.5 Ft.
- 5100 Grain Drill 18x7 Plain
- 5100 Grain Drill 13x7 Comb.
- 496 D/H 19'1"
- 370 D/H 12'8"
- 475 D/H 19'1"
- 10 Flail Chopper
- 781 Forage Harvesters w/ Hay Pickup & Row Units
- 943 Corn Head 4 Row, 30 In.
- 800 Planters, 4 Row, Air
- 720 Plow, 5F 20"
- 730 Plow 4F Adj. Width
- 540 Spreader
- 560 Spreader
- 575 Spreader
- 595 Spreader

Also: Buy A Tractor In January, And Get A Trip To England, Or Cash.



Cub Cadet Tractor Models 582, 582 Special, 682 or 1282 with Blade

NEW LEFT OVER CUB CADETS

282 8 hp gear w/mower or blade
582 Special w/mower or blade
582 Cadet w/mower or blade

Get a fast start now. We've got an IH battery for your car, truck, or snowmobile!

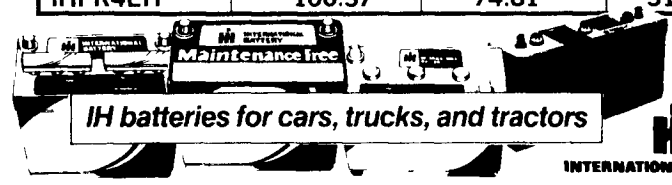
INTERNATIONAL

PARTS VALUE OF THE MONTH

BATTERY BLITZ

SAVE UP TO 30% off regular IH suggested list price

Battery	Regular IH Suggested Price	BATTERY BLITZ Price	Your Total SAVINGS
IHPRLU	52.35	36.81	15.54
IHCM24	65.76	46.25	19.51
IHPF27	63.48	44.65	18.83
IHHC30	94.44	69.94	24.50
IHPRT	57.49	37.24	20.25
IHCH2	80.23	56.43	23.80
IHCM3	73.87	51.93	21.92
IHPR3EH	91.00	64.00	27.00
IHPR4EH	106.37	74.81	31.56



IH batteries for cars, trucks, and tractors

INTERNATIONAL HARVESTER

FEBRUARY SERVICE SPECIAL

10% CASH DISCOUNT

On All Service Jobs Scheduled In Our Shop During February

• Includes Parts, Labor And Transportation •

CALL DELMAR STAUFFER FOR AN APPOINTMENT

USED EQUIP.

Tractors
Farmall 806 D Tractor
Farmall H
Cab for 966 or 1066
IH F966D
IH F766G
IH F460D
IH F400D
IH F1466D
IH Hydro 86D
Ford 860
JD 2440 w/Loader
JD 400 w/Loader & Backhoe
MF 65D w/Loader
MF 1105D
AC WD 45
JD 1010
IH 234D

Spreaders
NH 214 Spreader
Stoltzfus Fert Spreader
Hawk Built 187 Spreader

USED EQUIP.

Plows
Lely Power Harrow
JD 314 Plow
IH 211 Plow
IH 312 Plow
IH 311 Plow
IH 411 Plow
IH 560 Plow
Oliver 2F Trail Plow
JD 314 Plow
IH 450 Plow
IH 550 Plow
IH 531 Plow
Case 4F 16"

Combines
SP IH, Model 204 Corn & Grain
SP IH #91
SP MF #35
MF 510 w/43 Cornhead

Miscellaneous
NI 245 Spreader
Dunham 22 Loader

USED EQUIP.

Tillage
IH Vibra Shank, 3 pt
IH Vibra Shank Trail
Dunham 10' Cultimulcher
Brillion Spring Tooth
IH #24 Offset Disc
IH 122 3 pt 8' Disc
IH 500 Disc, 15'

Lawn & Garden Tractors
IH 1200 Cadet w/44 Mower
IH 125 Cadet w/Mower
IH 122 Cadet w/Mower
IH 60 Riding Mower
Wheelhorse 12 HP w/Mower
MF 12 Hydra Speed w/Mower
MF 7 w/mower
Snapper Comet
AC 1310 w/Equip.
JD 110 w/Mower & Snow Blower

Planters
IH 400 Cyclo 6R
IH 400 Cyclo 4R
JD 1250 6R
IH 6200 Press Wheel Grain Drill
Ontario 13x7
JD 393A 4R
IH 449 4R
IH 56 4R
JD FBB Drill 15x7

Forage Equip.
JD 34 Harvester
JD #6 For Harvester
IH 830 Harvester w/3-Row Cornhead & Hay Pickup
IH #46 Baler
JD #14T Baler
NH #40 Rake
NH 23 Blower
IH 990 Mow. Cond
IH 440 Baler & Thrower

Skid Loaders
Bobcat 543
Bobcat 700
IH 3200
Case 1740D

★ Waiver of Finance Available On Most Used Equip. To Credit Qualified Buyers Visa, Master Card, IHCC Financing, Bank Financing. We Ship UPS or Mail Daily!

Swope & Bashore, Inc.

Announcing Our 1984

OPEN HOUSE & SALES DAYS!

Coming Feb. 13 to 18, 1984 **8 AM to 5 PM**

Parts, Service, Sales Specials, Food, Displays, Demonstrations

OPEN MONDAY TO FRIDAY
7 AM To 5 PM
SATURDAY 7 AM To 11:30 AM

RD 1, Myerstown, Pa.
Located 1 Mile S. of Int. 78 & 6 Miles
N. of Myerstown on Rt. 645 in Frystown
PHONE: 717-933-4138

Area Codes 215 & 717 Call Toll Free 1-800-692-7467

A new beginning for Neil S. Harrison, Inc.

Located in the town of Orangeville, a few miles north of Bloomsburg on Route 487, Neil S. Harrison, Inc., has been an International Harvester dealer for 60 years.

Originally founded by Rush Harrison in the 1880's, the firm included a general store, post office, and train station.

Some years later, under the direction of Rush's son, Neil S. Harrison, the store continued its general store policy by supplying coal, roofing materials, fertilizer, lime, and other agricultural needs.

The 1930's saw the first expansion of the original Harrison facilities, with a new repair shop being added in 1973.

January of last year marked both a tragedy and a new beginning when a fire destroyed the firm's offices and parts department. Reconstruction followed quickly, and the company's Manager, Scott Edwards, reports that Harrison personnel are once again ready and eager to fill your International Harvester needs.

Currently owned by Scott's father, Jerry Edwards, the company's employees include Service Manager David Stoker, Parts Manager Gene Everitt, as well as Gene's brother Clarence Everitt in the service department.

Manager Scott Edwards would like to remind farmers to take advantage of the firm's annual February Sale, featuring 10% discounts on all parts and service costs during the entire month.

Neil S. Harrison, Inc., is back in business after a fire destroyed the parts department and offices in January, 1983.

Chambersburg Farm Service, Inc., Offers I. H. at Two Locations

Chambersburg Farm Service, Inc. was the brain-child of some 15 farmers who incorporated their International Harvester dealership at 975 South Main St., Chambersburg, in 1970.

With John Hostetter as General Manager, the corporation thrived, doubling the size of its service facilities by 1973. In June of 1977, Philip Hammond took over as General Manager, and one year later a new warehouse was constructed on the firm's six-acre tract, housing International's innovative Parts Mart system.

Two years later the firm purchased Melrose Farm Supply, at 498 Buchanan Trail West, in Greencastle, and now maintains a total of 34 employees at both locations.

Current corporate officers include President John McKinzie, Vice-President M. Dice Statler, and the company's General Manager Philip Hammond also acting as corporate Secretary-Treasurer.

The company's Sales Manager Marlin MaClay, Service Manager Nelson Snider, and Parts Manager Doug Buffington, manage their respective departments at both locations.

The firm will feature equipment displays and specials on new equipment and parts at their Melrose store on February 6 and 10, and again at their Chambersburg store on March 5 and 9.

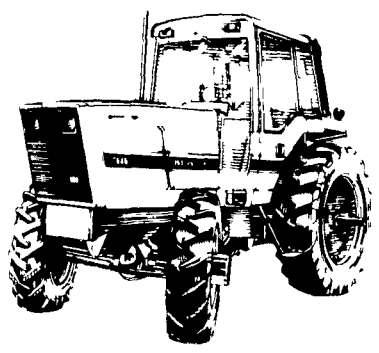
INTERNATIONAL HARVESTER

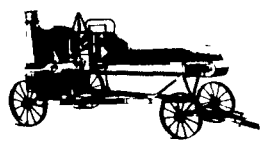
MORE TRACTION ACTION!

200 SERIES
AVAILABLE IN 4 SIZES
FROM 15 TO 28 PTO HP
Ask about the wide variety of attachments which are available for these tractors.

84 SERIES
FROM 52 TO 73 PTO HP
IN A WIDE VARIETY
OF MODELS.

30 & 50 SERIES
THESE ARE THE REAL POWER-HOUSES IN OUR LINE -
FROM 80 TO 187 PTO HP





No -12 Ensilage Cutter

Come In And See Our Family Of All-Wheel Drives.

CHAMBERSBURG FARM SERVICE, INC.
Chambersburg, PA 17201
(717) 264-3533
(717) 597-8811 (717) 532-8800

MELROSE FARM SERVICE
Greencastle, PA 17225
(717) 597-3138

INTERNATIONAL HARVESTER

Three high performance models

International®
- 5088—136.1 PTO hp*
- 5288—162.6 PTO hp*
- 5488—187.0 PTO hp*

International 50 Series tractors have an advanced design that gives you top performance, productivity, and reliability. Just look at some of the outstanding features:

- High-torque International turbocharged diesel engines
- 18-speed transmission with Synchro Tri-Six shifting
- Exclusive Forward Air Flow cooling
- Exclusive Power Priority hydraulics
- 3-year or 2500-hour extended warranty on engine and drive train
- 2 wheel drive and all-wheel drive models available

*Official test

INTERNATIONAL HARVESTER

5088 DEMO IN STOCK
20.8 Rubber, 3rd Aux. Valve, Many Other Options

$36,000 Less $1100 Rebate or Go To England! Call For Details...

NEIL S. HARRISON, INC.
RD 2, Box 120 Orangeville, Pa. 17859
717-683-5586

Hoober Equipment,

service-oriented success in Delmarva

Hoober Equipment Inc. of Middletown, Delaware was formed on November 1, 1982 when Hoober Equipment Inc., Sudlersville, Maryland purchased White Bros. Supply Company, of Middletown, Delaware. Although the new Middletown, Delaware, business is only a little over one year old, it is rich in the combined experience and knowledge of two farm machinery firms.

For more than forty years White Bros Supply Co. had been selling International Harvester farm machinery in Northern Delaware. With the 1982 consolidation, all but one of White's employees — some with over thirty years experience servicing and selling I.H. machinery — went to work for the new company.

Nor could Hoober Equipment Inc., of Maryland be considered a fledgling company. In the mid-seventies, Charlie Hoober, of C.B. Hoober & Son, Inc., Intercourse, PA, saw an emerging opportunity to market large four-wheel-drive tractors and heavy-duty tillage equipment on the Delmarva peninsula. With an eye toward meeting the needs of Delmarva's high-speed, labor-intensive farming, Charlie formed Hoober Equipment, Inc., in 1976, to sell and service Steiger four-wheel-drive tractors, putting Daryl Peifer in charge of managing the new firm.

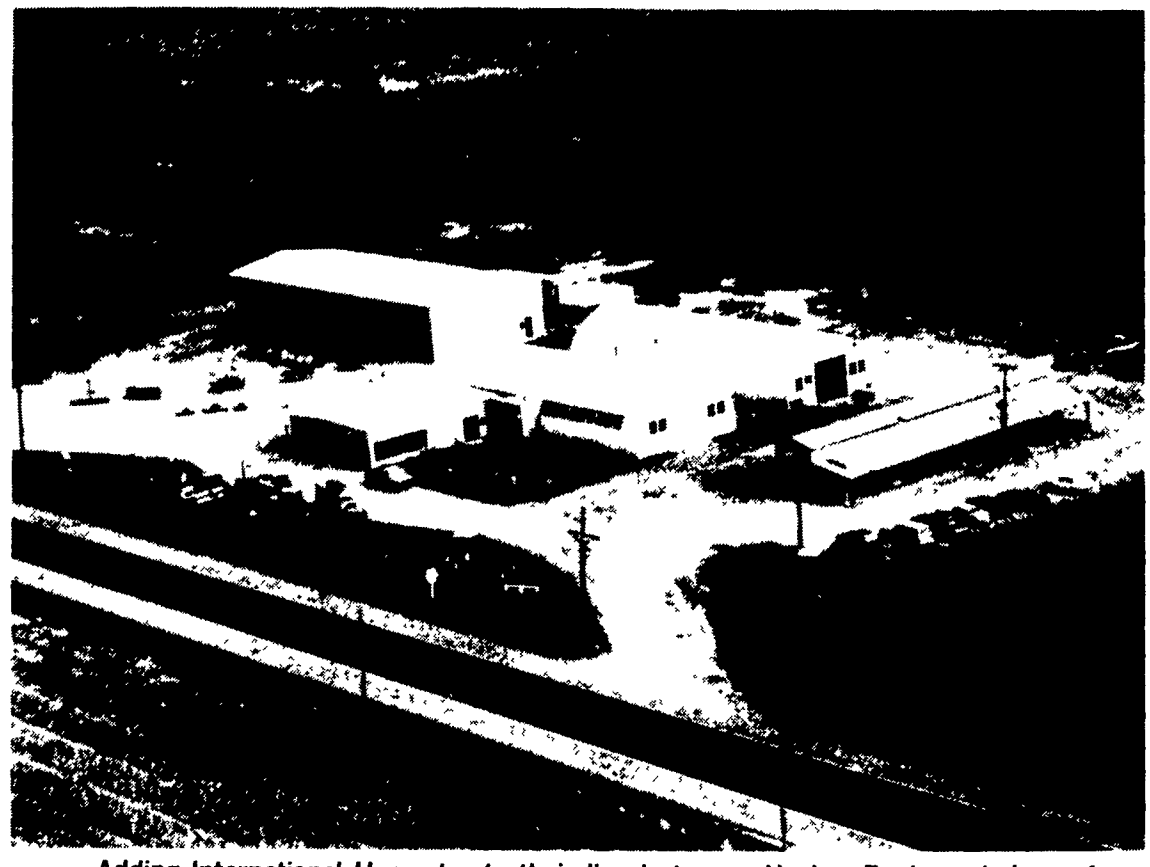
The Hoober organization in Sudlersville grew and prospered through the seventies and into the eighties, because the management adopted the same service-oriented philosophy that Charlie Hoober and his father, Bud Hoober, found to be the foundation of their Pennsylvania operation.

"When the customer has a problem, make it your problem," was the Hoober watchword, and from the day he moved into the house across the road from where he would supervise the construction of the Hoober Equipment, Inc., store, Daryl Peifer worked around the clock "to keep his customers going."

When the opportunity came last year to add the I.H. franchise and move to Middletown, Delaware, Hoober Equipment, Inc. had grown to twelve dedicated people trained to solve farmers' problems.

Now that the Hoober people from Sudlersville, MD, have combined with the White Bros. personnel, they form an organization with which Bud Hoober is proud to be associated.

All Hoober's employees know that uncompromising service at a fair price is the keystone to Hoober Equipment, Inc.'s success in the farm machinery industry.



Adding International Harvester to their line last year, Hoober Equipment, Inc., of Middletown, Delaware, provides the best in sales and service to Delmarva peninsula farmers.

INTERNATIONAL HARVESTER

ALL WEEK - February 13th thru February 18th

Monday thru Friday: 7 AM - 5 PM
Saturday: 7 AM - Noon

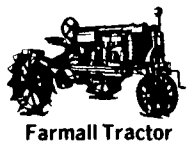
PARTS SPECIALS ALL WEEK

WATCH PAPER FOR COMPLETE DETAILS

HOOBER EQUIPMENT, INC.

OPEN HOUSE WEEK

SPECIAL PROGRAM



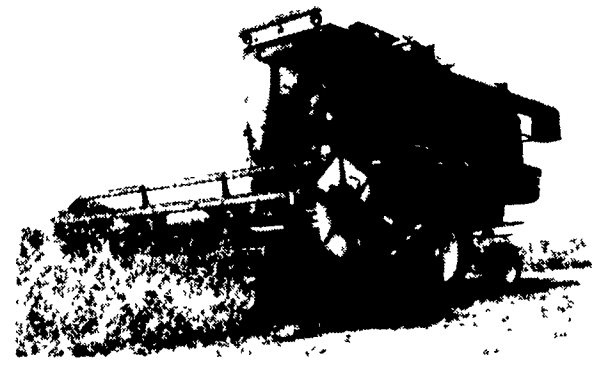
Farmall Tractor
(Built 1930 to 1932)

- DOOR PRIZES
- FREE LUNCH AT NOON
- PLANNED PROGRAM

Tuesday, February 14th

FARM SHOW

In
Middletown,
Delaware



AXIAL—FLOW SIMPLICITY

HOOBER SELLS ONLY FIELD PROVEN PRODUCTS AND EVERYTHING WE SELL IS BACKED BY EXCELLENT PARTS AND SERVICE PEOPLE

HOOBER EQUIPMENT, INC.

Middletown,
Delaware
(302) 378-9555

Wm. Hobensack's Sons

(And perhaps...great, great grandsons)

It was 1891 when Hobensack Brothers added the McCormick-Deering dealership to their one-year old feed and farm supply business. And today, led by the founding family's fourth generation, Wm Hobensack's Sons still flies the I.H. flag, making this venerable Ivyland firm most probably the oldest single-family-owned I.H. dealer in the country.

Founded in 1980 by brothers Frank and William, the company name was soon changed to Wm. Hobensack & Co., when Frank left only a few years after striking the partnership.

After William's death in 1930, his sons Cornell and George S., took charge, once again changing the name this time to its present form, Wm. Hobensack's Sons.

Following World War II it was George's sons Harold and George J., along with Cornell's son William, who took control, a three-way partnership that lasted until 1957. The year '57, as a matter of fact, was full of changes with the family entering the fuel oil business and taking their first riding lawn mowers for sale on a consignment basis.

In true Hobensack fashion, Harold's son, Scott, entered the business at age 15, making Wm. Hobensack's Sons a family tradition, four generations deep. Since Harold's retirement in 1980, Scott assumed his father's half of the partnership with his Uncle William.

But the Hobensacks themselves are not the only members of the firm with arm-length employment histories. Among the company's employees, until their retirement in 1983, were mechanic, Albert Webster, counting 49 years with the firm, and driver John Finney, a Hobensack man for two years past half-a-century.

At present some of Hobensack's key employees include Farm and Industrial Manager, Jerry Supplee, Lawn and Garden Manager, Ed Saalfrank, Parts Manager, Butch Finney, along with Scott overseeing the sales and service departments, and the company's "nerve center," William, assuming the accounting duties.

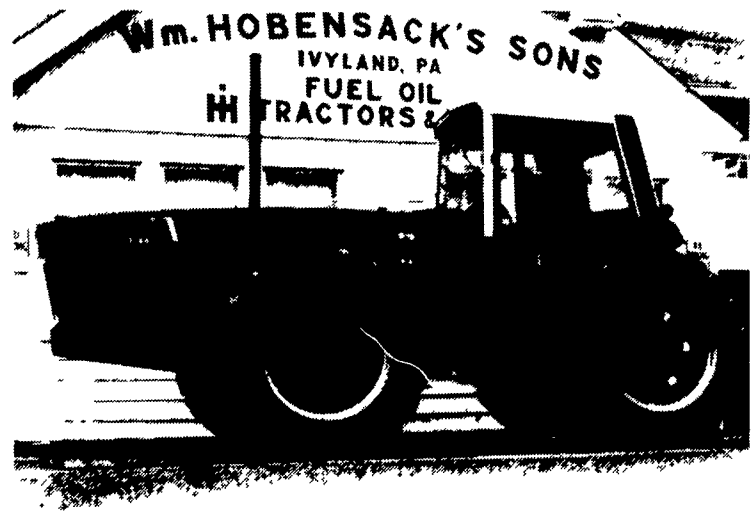
For a dealership to survive nearly a century of agricultural evolution, requires an ownership and management with foresight and a willingness to change with the times, and certainly Hobensack's is no exception. Probably the most drastic changes have come as a result of Bucks County's loss of farmland to development.

"At one time there seemed to be a dealer on every corner," Scott reminisces, "but now we're the only I.H. dealer in Bucks County."

Though no one seemed particularly enthused about the riding lawn mower business back in the late '50's, Hobensack's lawn and garden business presently accounts for 50% of the company's income.

With its fuel oil, and feed and fertilizer businesses progressing, as well, Hobensack's once again finds itself changing with the times with the installation of a modern in-house computer system.

And what might the future hold in store for this esteemed Bucks County agribusiness institution? For the immediate future, at least, Scott is predicting a good year in '84. And he's also hoping that his two-year-old son, Brian, a potential fifth generation businessman, may have the answers to that question in the years to come



Introduced in the late 1970's, this state-of-the-art International 2+2 tractor bears little resemblance to the first International tractors sold by Hobensack's in the early part of the century.

Inch Equipment

(Continued from Page 15)

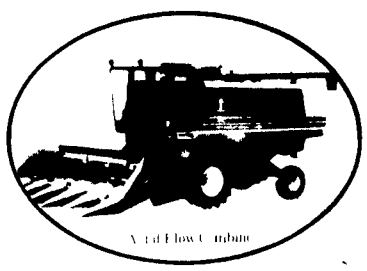
Inch Equipment Company's personnel are perhaps its most valuable asset. The wood burners which heat the shop and parts department were made by the same employees who voluntarily spend several evenings a month cutting wood to keep them going. This is just one example of the dedication and cooperation with which employees meet company and customer needs.

Staffed by five top-flight mechanics with a combined total of well over a century of I.H. experience, Inch's shop personnel include Lee Leister (an invaluable consultant, as well), Paul Sankey, Donald Moyer, Paul "Jim" Rickenbaugh and Dennis Lukens. Service Manager, Dennis Bassler ties it all together and keeps work progressing at a steady pace.

Partsman Nolan Guyer, who started at Leister Motor Company in 1959, and Parts Manager Barry Detra provide fast, courteous parts service. By maintaining a controlled inventory, these expert partsmen increase the company's ability to meet the parts needs of each customer.

The sales department includes Tim Inch and Don Weller, backed up by Dennis Bassler and Clair Inch. Bookkeeper-receptionist Sharon Lukens rounds out the Inch Equipment staff, the "A-Team" of International Harvester sales and service.

Barry Detra (left), Inch's Parts Manager, stands ready to help farmers with their I.H. parts needs.



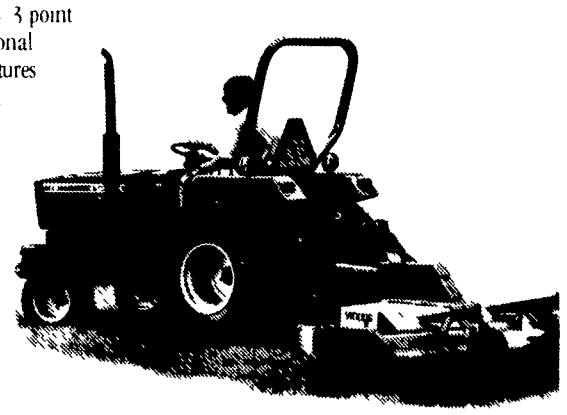
This could be the busiest tractor on your farm.

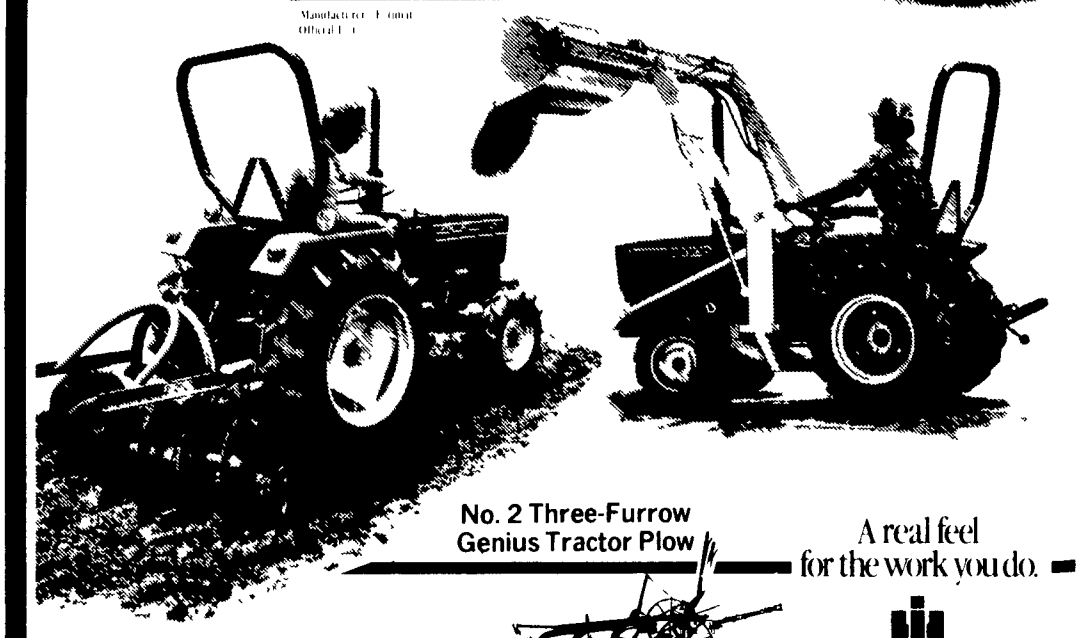
Cleaning the barn Filling chuckholes Plowing the garden Clearing snow Not to mention mowing the yard An International® compact diesel could be one of the most useful tractors you own

All models include features like live hydraulics 3 point hitch rear PTO tachometer hour meter and optional all wheel drive (except model 274) Additional features such as lighted instrument panel turn signals fuel gauge and electric engine shutoff are available on certain models

Stop in soon and test drive one of our International compact diesels It could turn out to be the busiest tractor on your farm

Tractor	PTO HP	PTO RPM
234	15.2*	540
244	18*	540 1250
254	21*	540 1250
274	27*	540
284	27.4**	540 1000





No. 2 Three-Furrow Genius Tractor Plow

A real feel for the work you do.

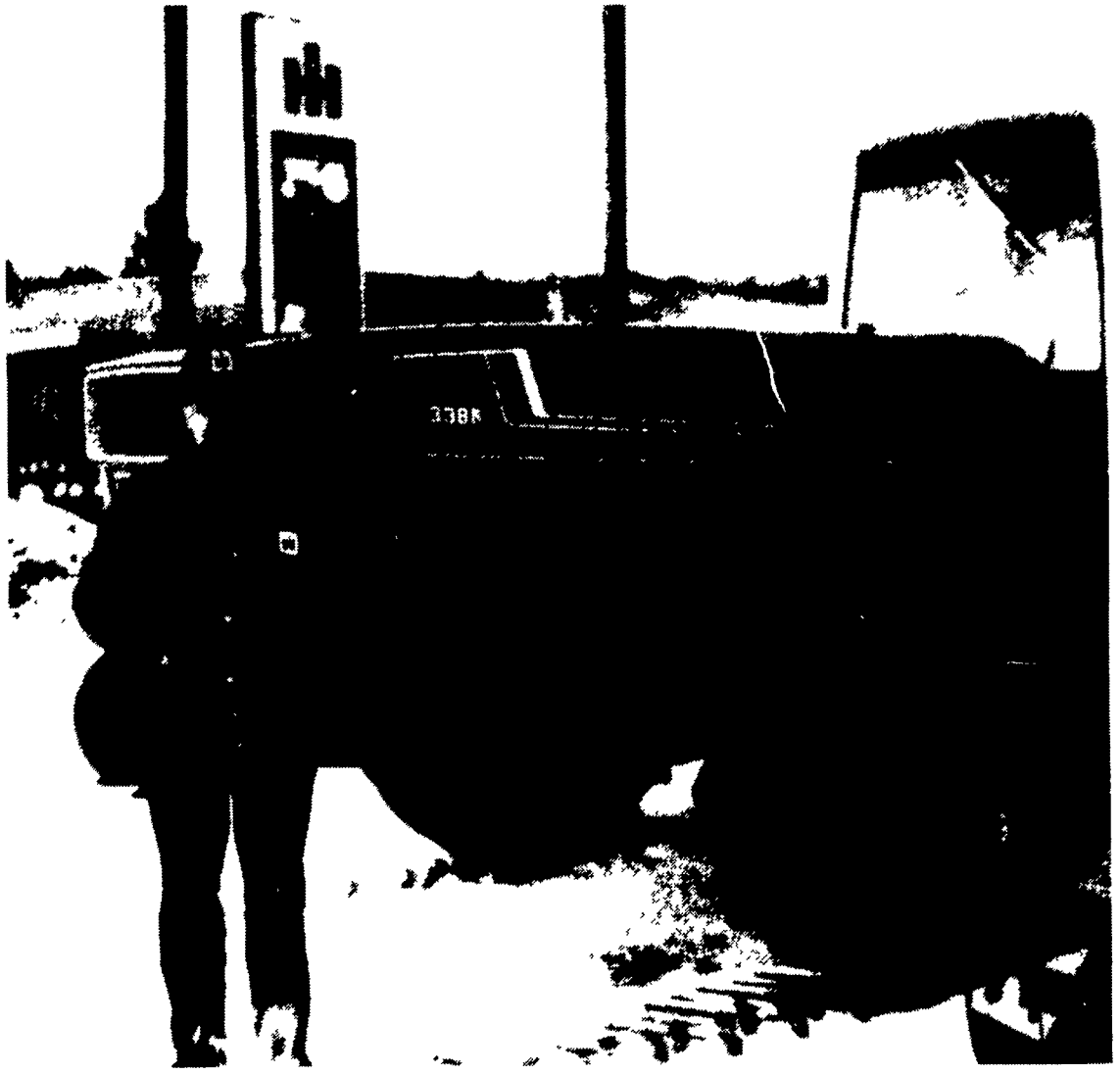
INTERNATIONAL HARVESTER

Wm. Hobensack's Sons

1060 Greeley Ave.
Ivyland, PA 18974
Bucks County

Phones: (215) 675-1610 (215) 343-2101
Toll Free From NJ: 1-800-435-7336

"Quality Equipment At A Fair Price"



Since retiring from the Air Force, M. Hearty Fitchko enjoys his second career as an I.H dealer in Ligonier.

Retired Colonel Heads Ligonier Sales and Service

Ligonier, Pennsylvania's International Harvester dealership began as the backyard enterprise of H. Sweeney and Son. The dealership remained in the Sweeney family until the decade of the 60's, when the firm was sold three times by 1970.

Retiring from the Air Force in 1966, M. Hearty Fitchko found just what he was looking for when he and a partner took over the dealership from Pete Stouffer in 1970. Fitchko had been born and raised on a farm and was looking for a way to immerse himself in agriculture once again.

Since the dealership also included Jeep and AMC franchises, it was agreed that the two partners would split, with Fitchko taking the agricultural line. So in 1973 Fitchko and I.H. left the dealership three miles north of town and moved to the present location of Ligonier Sales and Service, along Route 30 on the East side of Ligonier.

Employees of the firm include Service Manager Dean Kalp, Assistant Service Manager Hank Henderson, and Parts Manager Ed McCauley. Sales Manager Michael G. Fitchko, the owner's son, is expected to assume ownership after his father's second — and probably final — retirement.

M & R Equipment

(Continued from Page 7)

preferable to the oats-powered horse.

The debate was finally put to rest when the onset of WW I created a demand for agricultural products that only mechanized farming could meet.

Surviving both the Great Depression, and the shortages of WWII, the dealership remained under its original management until 1946, when Harry Robinson's son Charles, and Arthur's son Joseph took the reins.

The beginning of the post-war economic boom made competition inevitable, and in 1946 Charles J. Manifold opened an I.H. store a few miles up the road in New Park, PA, luring his bookkeeper Doris, who incidentally, remains an invaluable asset to M&R Equipment to the present day.

Both of these family-oriented businesses coexisted and prospered independently of each other until the late '70's, when a changing agricultural economy and a need for larger and more up-to-date facilities prompted the two to join forces.

Along with the retirement of Charles and Joseph Robinson in 1977, M&R Equipment, Inc., was born, a company who's 70 years of service span almost the entire history of mechanized farming.

Today General Manager Lee W. Manifold, Service Manager Donald C. Robinson, and Sales Manager Dave Robinson, carry on the tradition of one of the oldest and most respected International Harvester dealers in southeastern Pennsylvania.

Hoober

(Continued from Page 4)

productivity advantages over conventional combines were immediately advantages over conventional combines were immediately evident to Hoober. He saw the opportunity to make this new axial-flow combine a primary pillar of C.B. Hoober & Son Inc 's product base. Through aggressive sales promotion, service training, and parts support, Charlie has succeeded in the years since in making C.B Hoober & Son Inc. the I.H. axial-flow Combine Headquarters in Pennsylvania for the 1980's.

But to Bud and Charlie Hoober, honest, conscientious employees are still considered the key to the Hoober business And customer satisfaction will always be the primary goal of all Hoober personnel. Which is why the name C.B. Hoober & Son, Inc., has become synonymous with quality service at a fair price.

HYDRO 86 TRACTOR 69 PTO hp Diesel

- Smooth, variable-speed hydrostatic drive
- 312 cu. in diesel engine
- Independent PTO, 540 RPM
- Hydrostatic power steering
- Isomount' isolators reduce vibration
- Category II three-point hitch

The International 84 Series Tractors.

The 84 Series, your all-round-the-farm performers, offer a choice of 22 versions that let you personalize your

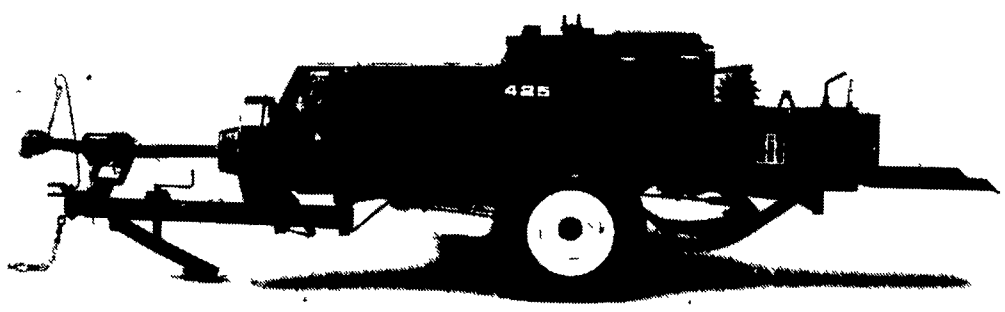
tractor to your farm. Get the right model, transmission, and power size (from 42.4 to 72.9 PTO horsepower) to fit your needs

Buy a new 84 Series... and qualify for a free trip to England.

INTERNATIONAL 425 BALER

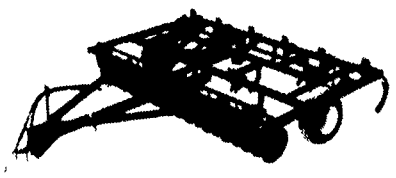
Sturdy power train assures dependable baling season after season.

- Big, Heavy-Duty Flywheel
- Oil Bath Gear Case
- Straddle-Mounted Crank
- Gear Drive All The Way Back
- Solidly Built



Announcing our strongest, heaviest disc/chisel ever.

The International 6500 Conser-Till Plow Solid steel frame components make it one of the heaviest disc/chisels sold Exclusive IH features make it one of the most productive conservation tillage machines we've ever offered



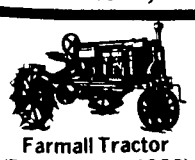
Stop in and see the new heavyweight 6500 Conser Till Plow today

SPECIAL PRICES ON NEW IH EQUIPMENT

- #10 Flail Chopper
- MOD 6000 Consertill, 10 Chisels
- 5100 16x7 Combination Grain Drill
- 784 D Tractor
- 510 5 Furrow 16" Semi MTD Plow
- 425 Baler (with or without thrower)

USED IH EQUIPMENT

- Hydro 666 Tractor, New Tires, One Owner
- 82 Combine, Overhauled, One Owner



Farmall Tractor (Built 1930 to 1933)

LIGONIER SALES & SERVICE

Route 30 East, P.O. Box L
PH: (412) 238-5790

Ligonier, PA 15658
Hours: Mon.-Fri.: 8AM - 5PM

Revolution

(Continued from Page 14)

Wagon Works of Chicago became an International Harvester property. The Company's line of farm implements became complete with the acquisition in 1918 of steel and chilled plows through the purchase of companies which operated the present Canton Works at Canton, Illinois, and a plant at Chattanooga, Tennessee, and the addition of a line of seeding machines manufactured at Richmond, Indiana.

During these years, the International Harvester Company had been rapidly developing and putting into production new lines at its original plants. By 1912, corn binders, ensilage cutters, seeding machinery, harrows, and manure spreaders had been added to the catalog of implements offered to International Harvester dealers. The pioneer light harvester-thresher was introduced in 1914; the stationary thresher, four years later.

The Growth Of Power Farming

The key to all progress in agriculture is power. As long as there was only human energy, supplemented by the limited use of animal power, to perform the multiple operations required by farming, progress was necessarily slow. When Cyrus Hall, McCormick perfected the reaper, he brought to the farmer a broader application of animal power by demonstrating its practical use in the harvest. From that point, farming methods leaped forward to the greatest period of development the world had ever witnessed.

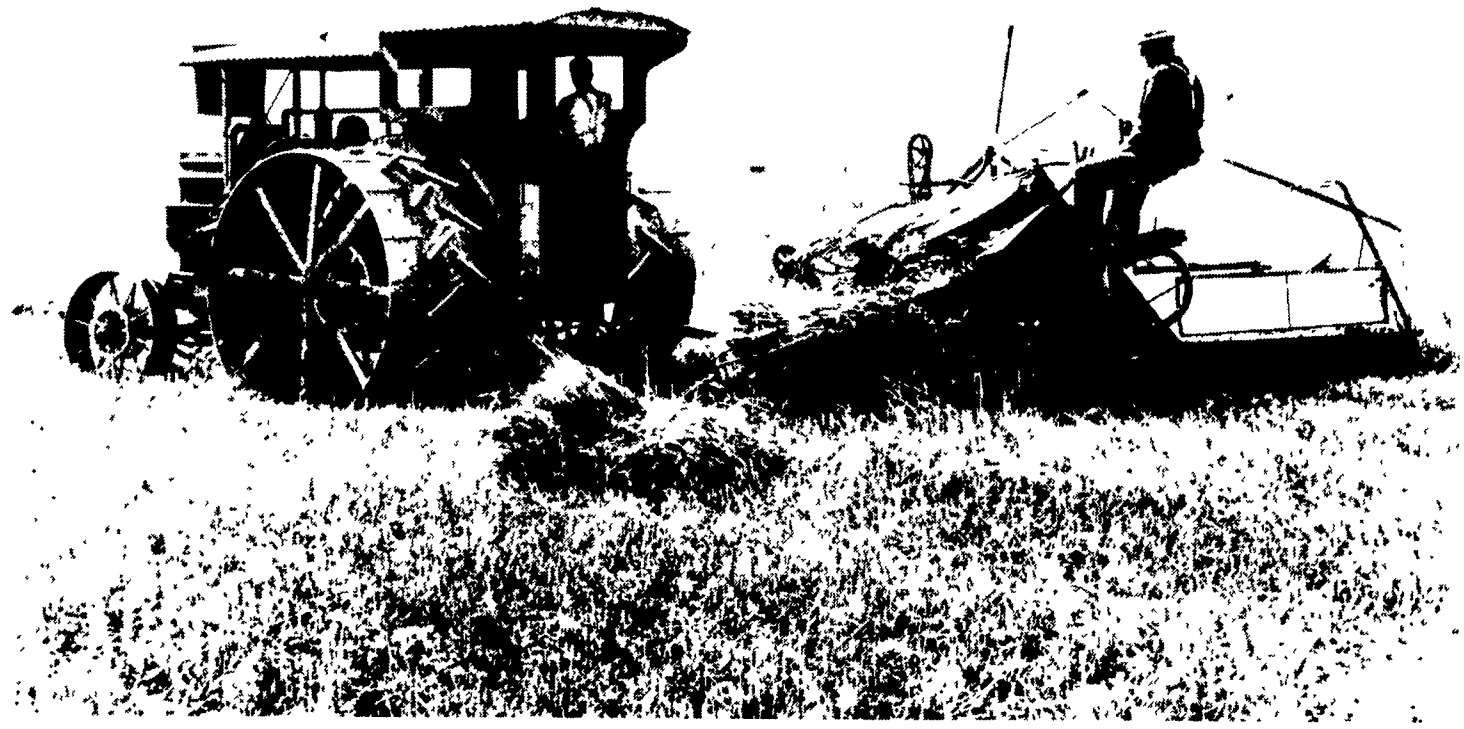
The development of agricultural machinery was inhibited as long as animals were the only available source of power. By the end of the nineteenth century, most implements had reached their maximum capacity for use with work animals, yet they were capable of further improvement and economies. Designers were forced to gear their machines to the speed of the horse and make their draft no heavier than an ordinary team could pull. The grain binder, for example, had by 1900 been perfected to the point where only additional power could increase its efficiency. With animals as the motive power, no higher speed could be attained, nor could the machine be made heavy enough to increase the width of its cut. Some kind of power more efficient than that which animals were able to provide was clearly indicated if industry was to continue its service to the farmer by giving him machines that would allow him to get the most out of his land with the least effort.

It was only natural that after the invention of the steam engine there should be experimentation with the use of this mighty new source of power on the farm. The first, and what was to be the only really practical wide-spread application of the steam engine, was in threshing, during which power was transmitted by a belt to the threshing machine. Throughout the last century, many attempts were made to apply the steam tractor to plowing, the farmer's most difficult job. There was no question but that the steam engine was a lift in pulling a plow, but its use was extremely limited. Because of its prohibitive cost, its size, and general unwieldiness, it could be employed profiably only on the immense acreages of the West. Farmers of quarter and half sections never seriously considered the steam tractor. The real importance of the steam-driven tractor lay in the fact that it was a step in the right direction. Its existence gave rise to the first efforts to design and manufacture a tractor that would employ the internal combustion engine beginning to be seriously considered development about 1900. As the internal combustion tractor emerged from its experimental stages, the steam tractor was doomed, although it continued to be used in threshing for many years. The farmer was only too glad to substitute the new tractor for an engine suitable only for heavy duty and requiring much more expert care and attention then he was capable of giving.

Even before the introduction of the Farmall tractor, the International Harvester Company pioneered in the development of the power take-off, which, when it appeared in 1913, finally eliminated the necessity for the ground drive wheel. This feature permitted direct transmission of power from the tractor to the drawn machine, minimizing the loss of power and opening the way to the design of lighter, more compact implements. By 1934, the power take-off had been built into nearly every tractor on the market.

A further improvement was the introduction of pneumatic-tired tractors in 1933. Although they increased the original cost of the tractor, rubber tires had many advantages, the most important of which was the lessened costs. Rubber tires for the first time admitted the tractor to the paved highway, an invaluable aid in moving equipment from one field to another on farms crossed by important roads. Their cushioning action added greatly to the life of the tractor and the comfort of the driver. Since their adoption, manufacturers have been able to build high speeds into tractors and design heavier, more versatile equipment.

The success of the Farmall design induced manufacturers to give more attention to the needs of the small farmer. THE International Harvester Company led the way in this direction with its introduction in 1933 of the Farmall 12, the first of the one-plow tractors. This was followed in 1939 by Farmall A and B, even smaller and less expensive machines. The Farmall Cub was finalized for production in 1945-ready to serve all the purposes of the nation's smallest farms. These small tractors brought with them, as collateral developments, equipment also adapted to the farm of limited acreage. This equipment could be mounted on the tractor or used with the power take-off in the same manner as the larger machines.



Beginning with Deering's Appleby binder of 1880, the automatic grain binder dominated the harvesting industry for fifty years. After 1930, grain binders and stationary threshers gradually gave way to the combined harvester-thresher. International Harvester Company dominated the grain binder business for some fifty years, finally closing out production in 1956. Of particular note is humane treatment which was given beasts of burden back at the turn of the century. In this photograph the horses are wearing hula skirts, which are actually 'fly-chasers.' The motion of the animals put the strips in motion which in turn kept the flies from lighting.

Experimental work on the first International Harvester tractor began in 1905 at the former Rock Falls Works under the supervision of Mr. Johnson. This was a cumbersome three-wheeled machine with a single wide wheel in front. The following year, the Company put its first tractor on the market. These were built under an arrangement with the Ohio Manufacturing Company of Sandusky, Ohio, which supplied the truck and transmission on which an International engine made at Milwaukee Works was mounted.

Just as the Civil War hastened the final unequivocal acceptance of the reaper. World War I gave a tremendous impetus to the use of tractors of the farm. Confronted by an unprecadented demand of for food, both in this country and in Europe, and war's inevitable drainage of manpower from normal pursuits, farmers turned to tractors in increasing numbers as the only solution to their problems. Here they found the answer to both labor and power shortages.

In spite of considerable loss of farm animals to the Army, there was a marked increase in farm production. Moreover, the fact that tractors did not use up feed as did farm animals allowed that much more grain to be channeled to a hungry world. During the war years, tractor production at International Harvester more than doubled. This clear demonstration of the efficiency of tractor power on the farm started a decline in the use of animal power that has been steady ever since.

International Harvester engineers had been working for many years on a tractor, which, unlike the standard four-wheeled machine, could be used effectively for cultivating row crops. The first such attempt was a motor cultivator, produced experimentally in 1915. Because of its high manufacturing cost and limited utility, this machine has dropped from production in 1919 in favor of conventrated experimentation on all all-purpose tractor. Up to this time, it had been felt in many quarters that two tractors would be necessary to the efficient operation of a farm without animal power: a conventional four-wheeled model for all duties except cultivating and a motor cultivator of some type.

The Farmall model was the first successful attempt at building a genuine all-purpose tractor. Its advent in 1922 revolutionized the tractor industry. During that year, 20 of the experimental Farmall tractors were sent to the field for testing and careful observation by International Harvester experts; in 1923, 26 more were sent out for trial after further field-tested refinements had been made. The following year regular production on a limited schedule was begun at Tractor Works.

Producing For Victory

World War II focused attention on International Harvester's/mass production plants as vital sources of war material. In earlier wars the Company's prinicpal war effort had centered in the production of farm equipment needed to replace hand labor. In the early years of World War II, by government order, the manufacture of farm equipment was drastically reduced; however, large quantities of farm equipment parts were made to keep existing machines in operation. Many of International Harvester's factories were converted to the production of military trucks and tractors, aircraft torpedoes, guns,

(Turn to Page 27)

Clarence Wilson & Sons meets challenges of changing economy

Clarence Wilson brought International Harvester, along with another implement line, to the town of Kimberton in 1924. It took Wilson only a few years to drop the competing line, in order to devote more time to his increasing I.H. business, resulting in the firm's first expansion in the mid-1930's.

During the latter part of this same decade Wilson took his two sons, Clarence P., and Howard Wilson, took the business, resulting in a three-way partnership that lasted until the elder Wilson's death in December, 1946.

With the two brothers now in control, the business facilities were once again expanded in 1947, resulting in a more spacious showroom and enlarged shop area.

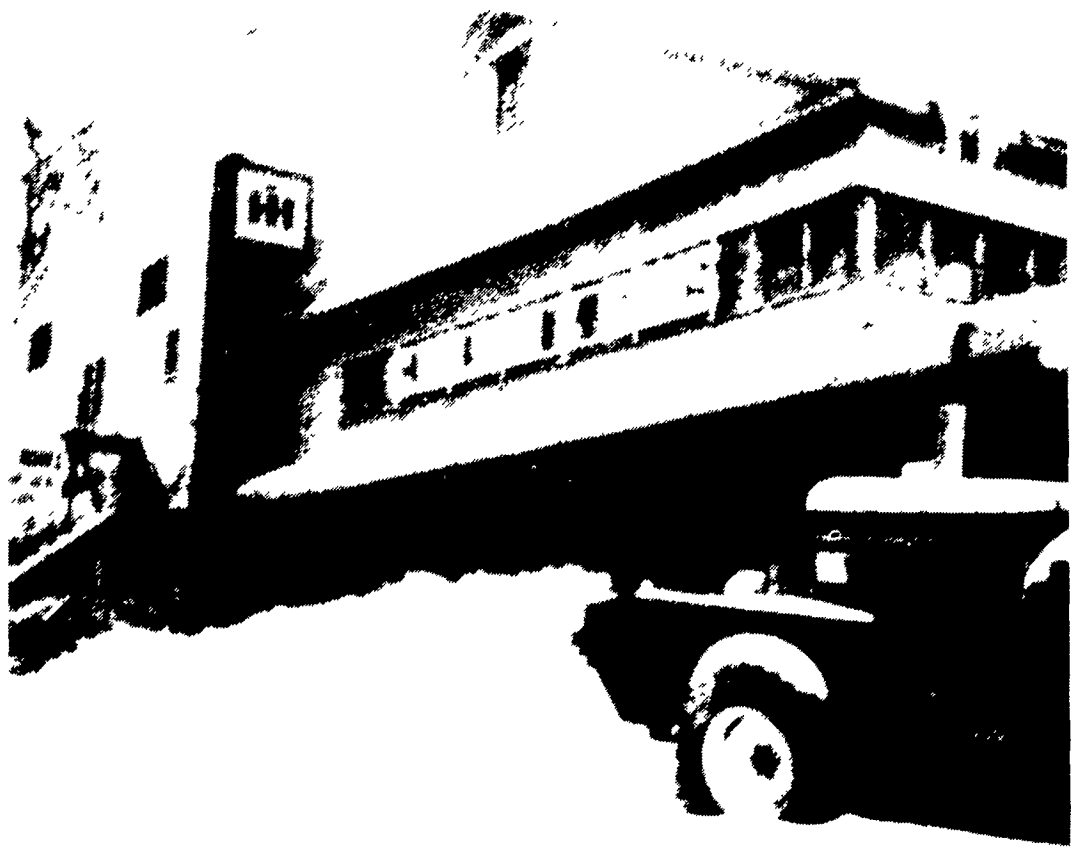
Though none of the firm's four employees have spent as much time there as the Wilson brothers, the company's personnel can hardly be considered short on experience, with Parts Manager, Leonard Shaner, and Bookkeeper, Barbara Yiaski accounting for a total of 54 years with the dealership.

As well as handling I.H.'s line of agricultural and lawn and garden equipment, Clarence Wilson & Sons also handles RCA appliances, a part of their business dating back to the late 1940's when International began marketing refrigerators, home freezers, and air conditioners.

Detecting a gradual loss of the area's farmland to development following World War II, the firm elected to diversify in an effort to lessen the impact of a possible decline in the agricultural market. And even though International eventually decided to sell their appliance business to RCA, Wilson continued dealing in appliances under the new name.

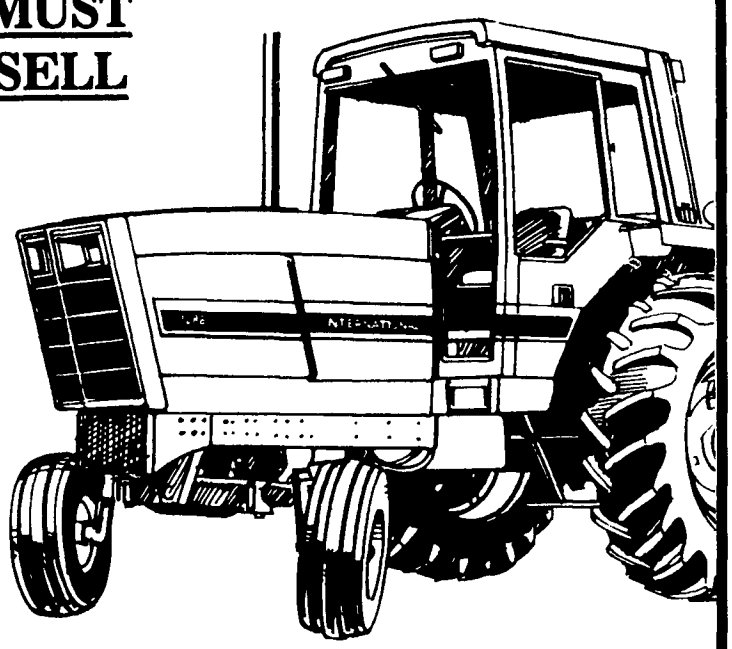
With the dramatic rise in development during the 1960's and '70's, what the Wilson brothers had predicted for the post-war era has indeed become well-documented history.

Today Howard Wilson reports that the emphasis at Clarence Wilson & Sons has shifted from agricultural implements to I H 's line of Outdoor Power Product



Clarence Wilson and Sons reports that the emphasis has shifted from International's Ag line to Outdoor Power Products, at their Kimberton, PA dealership.

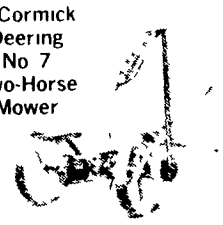
MUST SELL



ONE OF A KIND
NEW IH EQUIPMENT

- 3288 Tractor $25,295.00
- 684 Int. Tractor $14,845.00
- 720 5 F-18" Plow $7,195.00
- 450 ¾ Plow $3,985.00
- 5507 Trailing Chisel Plow, 11 ft. $3,479.00
- 5507 Trailing Chisel Plow, 7 ft. $2,479.00
- 425 Baler $4,495.00
- 510 Grain Drill 13x7 with grass Seedbox $3,785.00
- 800 Planter, Plate 4 Row with Fert. & Granular Chem. Attach. $7,470.00
- 56 Planter Demonstrator 4 Row With Fert & Granular Chem. Attach $3,985.00

McCormick Deering No 7 Two-Horse Mower



INTERNATIONAL HARVESTER

CLARENCE WILSON & SONS
Kimberton, PA 19442
(215) 933-3581

Revolution

(Continued from Page 26)

and gun parts, artillery shells, and other tools of war The Company contracted to operate government-owned factories and parts depots. The material of motorized warfare replaced tools and power for food production

As the war continued, the great need for farm tractors and machines was again realized by government authorities, and International Harvester was permitted to produce units for distribution where needed most. Thus the International Harvester Company built and shipped equipment for both the fighting front and the home front.

Postwar Decision

Restrictions of the manufacture of civilian good during the early years of World War II produced an unprecedented postwar demand for motor trucks, construction equipment, and farm equipment Also, many thousands of young men who had operated International Harvester's motorized equipment in military service came home determined to let power and machines do more and more of their work.

Matched against this demand were the International Harvester Company manufacturing facilities grown greater and greater to meet military needs. The decision had to be made whether the Company would scale down to prewar needs or reconvert for greater civilian production than ever before.

Formation of International Harvester Company

Early in the forties, the Company's management recognized the need for major reorganization of a corporate structure that had remained virtually unchanged since the time of the merger in 1902. To make sure that proper attention would be given to the design, manufacture, and sale of each of the product lines, it was decided that separate divisions, each responsible for a single group of products, should be established. The Company's seven divisions-Construction Equipment Division, The Hough Division, Farm Equipment Division, Fiber and Twine Division, Motor Truck Division, Solar Division, and Wisconsin Steel Division that are responsible for the International Harvester Company's nation-wide operations for the result of this decision.

The Company continued with unabated vigor in the introduction of new and improved farm tractors and implements It brought out complete new lines of Farmall tractors designed for the requirements of postwar American farming. Many new features were made available for these new tractors. New two and three-point Fast-Hitch devices provided for rapid attachment and detachment of a wide variety of direct-mounted and semi-mounted implements. The International Harvester developed Torque Amplifier made it possible to double the number of tractor speeds and instantly change gear ratios without shifting gears or stopping the tractor. In 1965 International Harvester introduced Hydrostatic Drive, the drive system of the future that provides an infinite variety of speeds through a simplified drive mechanism.

Postwar development of International Harvester's farm implements offered the farmer a greatly increased variety of new and more efficient machines-many of them of larger, multi-row design. Among the many new machines introduced were new plows, tillage equipment, planters, cotton pickers, beet harvesters, hay balers, and combines. Valuable additions to the combine line were units for the picking and field shelling corn. Two, three, and four-row corn heads, mounted directly on the basic combine, permit two harvester operations at one and the same time.

The Farm Equipment Division, the oldest part of the International Harvester Company, underwent a major reshaping in the postwar years. Early in its history, farm machines were largely animal powered and were built in factories adapted to smaller units. Having in mind the rapidly developing

(Turn to Page 31)

Lamb's reflects on 35 years with IH

International Harvester found its way to Thorndale, PA, in 1949 when Charles and Elizabeth Lamb, (better known as Pete and Betty) opened the doors to Lamb's Farm Machinery at the corner of Hazelwood Avenue and Gallagher Road.

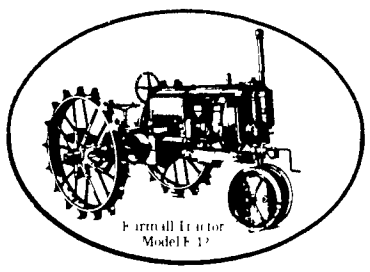
With I.H. manufacturing refrigeration and dairy equipment, Pete got the business off to a fast start by selling his first I.H. separate to movie personality Claude Rains, a farm owner in Chester County.

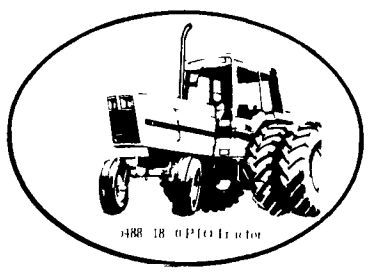
In 1960 Lamb's added the new Cub Cadet line to their store, and 10 years later Pete's son, Charlie joined the firm following high school graduation

In 1974 a new office building was added at the firm's four-acre location, and Lamb's Farm Machinery was incorporated in 1981, with Pete as President, his son Charlie as Vice-President and Sales Manager, and Pete's wife Betty acting as Secretary

Other managerial personnel among Lamb's eight-member work force include Service Manager George Wilson, and Parts Manager Frank Slaymaker, with the firm for 26 years.

Reflecting on his 35 years with International Harvester, Pete Lamb has witnessed the changeover from a predominantly dairy economy to one of horse farming and development. Throughout those years, Lamb's Farm Machinery has sold equipment to such far-flung locations as Canada and Saudi Arabia, but the firm's number-one priority remains providing quality International parts, service, and sales to its Chester County customers. And Pete reminds everyone to take advantage of special price incentives on all parts and equipment during the company's Open House scheduled for March 23 and 24.





The Chester County firm of Lamb's Farm Machinery has sold equipment as far away as Canada and Saudi Arabia.

Erb and Henry Equip., Inc. keeps on growing

When partners Thomas Houck and Randolph Henry opened the doors to their implement business in 1898, little could they know that the seed they'd planted would be alive and well 86 years hence in the form of Erb and Henry Equip., Inc., of New Berlinville, PA.

In business before the advent of the automobile, the firm sold International Harvester implements for 20 years before selling its first tractor in 1918.

In 1921 the business was purchased by William R. Erb, a New Berlinville resident who, two years later, struck a partnership with Isaac Henry, nephew of Thomas Houck and son of Randolph Henry, the original founders.

The firm of Erb and Henry continued to prosper, moving to its present location on Henry Avenue in 1947, and incorporating under the same name in 1958.

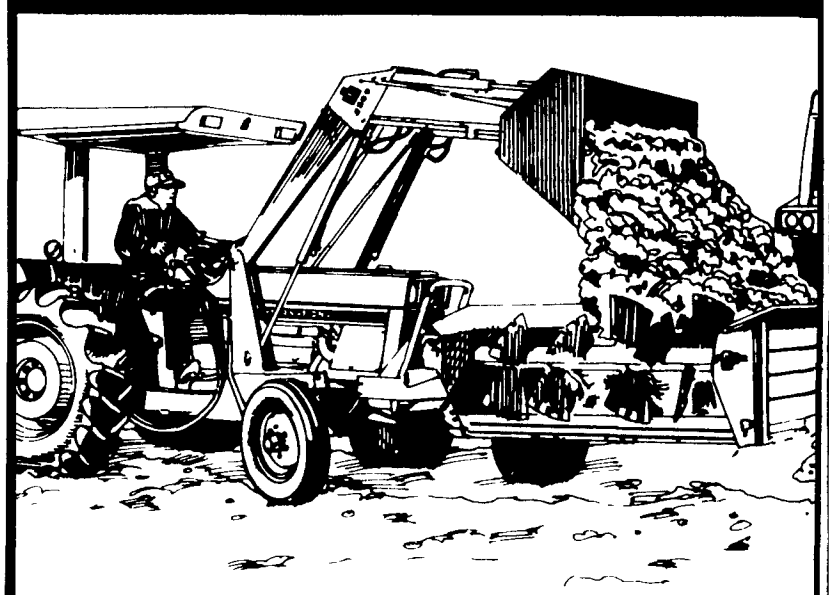
After William Erb's death in 1960, Isaac Henry managed the business until 1973, when the firm was acquired by Lawrence R Clauss, Sr., and his son Lawrence, Jr.

Erb and Henry's growth continued with the construction of a warehouse in 1978, and the purchase of an adjoining property in 1980 providing more warehousing and display area.

Erb and Henry continues as a family-owned corporation with Lawrence, Sr. as general manager, son Lawrence, Jr. as sales manager, and daughter Sandra R. Moser as office manager Among the firm's 20 employees is Hen Crater, the company's parts manager with over 50 years experience in dealing with International parts.

Erb and Henry Equip's history with International Harvester dates back to the pre-mechanized farming days of 1898. Shown above is the firm's present New Berlinville location on Henry Avenue, since 1947.

INTERNATIONAL



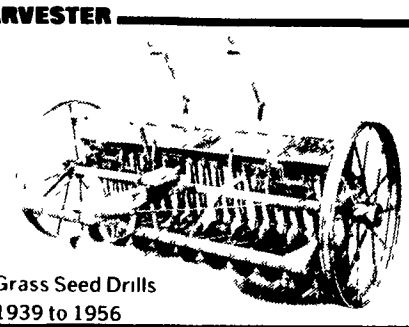
Series 84 Utility Tractors

Six power choices, 42 to 72 PTO hp

- IH multi-range diesel engines with high-torque performance, proven economy and dependability.
- Synchronized speed 8F/4R transmission. 16F/8R TA transmission, available on three biggest models.
- Hydraulic disc brakes, power steering, planetary final drives, 3-point draft sensing hitch.
- Exclusive hydrostatic drive model available.

Finance plans available.

INTERNATIONAL HARVESTER



Alfalfa & Grass Seed Drills
Built 1939 to 1956

LAMB'S
FARM MACHINERY, INC.
Thorndale, PA 19372
(215) 269-2676

EQUIPMENT WITH EXTRA 4% DISCOUNT
Now Thru January 31st

WHITE TAG SPECIALS

Come in now and get our best price on selected new International tractors and equipment!

Prices on new International tractors combines planters tillage hay and forage equipment never have been lower We're tagging our outstanding values with special White Tags to call attention to our best buys

Come see how you can save more on new equipment and improve your bottom line Offer expires Jan 31 1984

SAVE EVEN MORE! Buy now and get special financing on all White Tag Specials

Come in early. Prices are subject to equipment availability!

INTERNATIONAL HARVESTER

CALL NOW FOR OUR SPECIAL PRICES!

- 884 Row Crop
- 6388 D Tractor 2+2, Plus Demo
- 3688 D w/Rops, Plus Demo
- 3288 D w/Rops
- 15 Rear Blade, 3 pt.
- 20 Rear Blade, 3 pt.
- 181 15 ft. Rotary Hoe
- 5500 11 Ft. Mounted Chisel
- 4500 Field Cultivator
- 735 6-Btm. Vari-Width
- 1350 Grinder Mixer
- 781 For. harv. & 2 Row Head
- (1) 595 Spreader
- (2) 560 Spreaders
- 183 4-Row Cultivator

OPEN HOUSE
week of **FEBRUARY 13**
More Details Later!

IH PLANT TOUR
Bus Leaves Feb 26-Return Feb 28
Call for
Information & Reservation

ASK ABOUT IH RED EDGE "PERFORMANCE SAVINGS"

★ WAIVER TO 3/1/84!

NEW 30 and 50 SERIES TRACTORS
Best Cash Prices Ever
On
All Equipment Now

- ★ IH 3288, w/ROPS-White Tag Special!
- ★ IH 3688 - w/ROPS - Demo Special!
- ★ IH 6388 - 4 Wheel Drive - 130 HP - 540/1000 PTO
  Extra Special Price — Buy A Real 4WD
  At The Same Price As An Add-On 4WD!
- ★ IH 5288 - Rental Demo, Special
- ★ IH 884 R/C - White Tag Special!

Purchaser of New IH Tractor
(Model 484 To 6788)
Eligible For All Expense Paid

TRIP TO LONDON
(5 days, 4 nights)
OR CASH REBATE

offer Good Nov 1, 1983 to Jan 31, 1984

USED EQUIPMENT

TRACTORS: (Waiver to 3/1/84 or Cash Rebate
IH 806, 3 pt Hitch, Wide Front, TA, $5950 (No Trade)
(2) IH Farmall "C"
Int F12 w/cult
JD 2010 D, Tri
Int 400 Farmall, Real Nice!
IH 1066 D SOLD b & Air Real Nice!
IH 966D w/Cab
IH 766 D, Black Stripe
IH 806 Diesel, Wide Front, TA Fast Hitch
IH 560 Gas, 400 Gas
IH 404 Low Utility, 3 pt Hitch, w/Mott Mower & Snowblade
IH Cub w/Sno SOLD & Mower
IH 154 w/Mower-Rebuilt and Repainted
MF TO-20 w/Turf Tires
MF 33 w/3 pt Hitch
MF 65 Diesel w/MF Loader
IH 340, Tri

PLANTERS: (Waiver to 5/1/84)
IH 455 4-Row
IH 658 6-Row Narrow Dry Fert
4 & 6 Row Cyclos, Field Ready!
JD FBB 17x7 DD
IH No . SOLD ain Drill
IH NO 10 16x7 SD, Comb Drill
Oliver 24x6 Combination Drill
MF 13x7 Comb Drill

MATERIALS HANDLING: (Waiver to 3/1/84)
Front Mtd Forklift for 20 Series JD Tractor
Farmhand Loader for IH 74 Series Tractor
157 Hawk Bilt Spreader was $995-Now $695
NH 512 Spreader w/End Gate
NI 212 S SOLD r PTO flail type
200 Gal Century Sprayer Piston Pump
250 Gal Tecoma Air Blast Trailing Sprayer — $1,500!
IH 105 Grinder Mixer

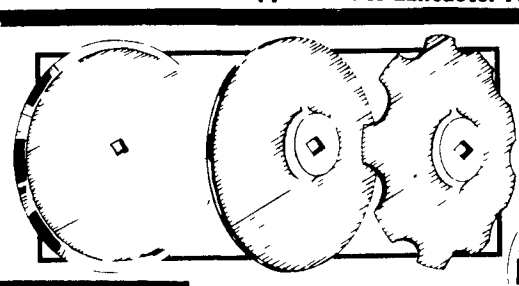
TILLAGE: (Waiver to 3/1/84)
Cub Single Gang Disk
Cub 2-Way Plow
Pittsburg 11'6 ' Disk
Sunflower 16 Single Wing Disk
JD 110, 12' Disk, Good Shape
IH 370, 350, 37, 35 In Various Sizes
Oliver 4 Bot Semi-Mtd Plow
IH 440 4-Bot Plow
IH 700, 5 Bot , 18 Plow
IH 700 6 Bot 16" Plow
IH 540 4-Bot 14 Semi-Mtd Plow
IH 531 3 pt 3 Bot Plow
IH 311 Fast Hitch Plow, 3 Bot
AC 1 Bot Trailing Plow
MF 880 5 Bot Auto Reset
Glencoe 18' Field Cultivator
Vicon 10' Power Harrow — ~~$2,500~~ — ~~$2,300~~ — $2,000

HAY & FORAGE EQUIPMENT:
(3) IH No 51 Forage Wagon
IH #5 Flail Chopper, Direct Throw
33 NH Flail Chopper
Gehl FBB 88 Blower
Gehl 99 Hi Throw Blower, nice!
550 IH Chopper
IH 990 9' Mower Cond
1014 Hesston Mower Cond
IH 27 Baler w/Thrower
IH 47 Baler w/Thrower
IH 440 Wire Baler w/Thrower
Kuhn GF 452 4 Star tedder, Nice Shape
5026 Elec Wheel, 8 ton Gears

COMBINES:
IH 863 6-Row Narrow Cornhead, Low Acres
715 Diesel Hydro w/13 Floating Cutter Bar and 744 Cornhead
AC Model C2, 12 Hd , 4-Row Wide Rough Cond $2,000
MF Model 300 Gas, 2-Row Hd , & Platform - Rough Cond — $1,200
810 13' Cutter Bar
IH 1460 (1980 Model) w/963 Cornhead — Coming In!
FKS Gleaner Diesel 4 Row Wide, 12 Platform
MH 35 SP 8 Platform, Fair Shape
715 D Hydro, 1976 Model, 820 15 Cutting Bar — Real Nice
JD 4400 1977 Model w/213 Floating Cutter Bar & 443 Cornhead
IH 315 Hydro w/12 Platform, Field Ready, w/PU Wheel & Hyd Lift
IH 315 Hydro (For Parts)
IH 403 w 4-Row Wide Head & 12 ft Grain Platform
IH 315, 2-Row Wide Head
IH 227 Cornhead, fits 315, 205 or 203
IH 234 Picker w/Husking Bed Mount for 656 Farmall
Set of Tires & Rims for 1420 Combine 23x134 Rice tires

LAWN & GARDEN:
IH 127 w/Mower, Recond
IH 1650 w/Mower, Like New
IH 682 w/Mower, Like New
IH 100 w/38 Mower

MISCELLANEOUS:
New FMC 1229 3 pt Hitch Air Blast Sprayer, Stainless Steel Tank — $4,250
New Starline Model 930 Flail Spreader, Hyd Lid And Rear Fold — $3950
McCurdy 20 Trailing Harrogator — $1 400
SIMMS Cab & Roll Bar Enclosure for 574 Series Tractor — $750
Rhino 131 12 Flex Disk At Below Dealer Cost



IH DISK HEADQUARTERS!

EARTH METAL

EARTH METAL DISKS:
60% Stronger!
20% Longer Life!

C-shape bearing standards Allow gangs flex to ride over obstructions

IH 496 FLEX WING DISK HARROWS WITH EARTH METAL DISKS!

Model	Cutting Width	Disk Blade Spacing	Blade Sizes Available	Transport Width	Operating weight With Blade Sizes
496 Folding Wing-Type	18 ft 7 in	7½ in	20 or 22 in	12 ft 5 in	6598 lb
	22 ft 2 in			12 ft 5 in	7326 lb
	24 ft 7 in			14 ft 8 in	7807 lb
	28 ft 1 in			14 ft 8 in	8513 lb
	31 ft 8 in			14 ft 8 in	9137 lb
	19 ft 1 in	9 in	22 in	12 ft 5 in	6750 lb
	22 ft			12 ft 5 in	7370 lb
	24 ft 10 in			14 ft 8 in	7847 lb
	27 ft 8 in			14 ft 8 in	8482 lb
	32 ft			14 ft 8 in	9224 lb
496 Cushion Gang	19 ft 1 in	9 in	22 in	12 ft 5 in	7125 lb
	22 ft			12 ft 5 in	7667 lb
	24 ft 10 in			14 ft 8 in	8105 lb
	27 ft 8 in			14 ft 8 in	8911 lb
	32 ft			14 ft 8 in	9700 lb

20 in solid	
22 in solid	
22 in solid	

New For 1983...
22'2" - 7½" Spacing, Cushion Gang - Model 496

Others In Stock...
19'1" - 9" Spacing, Regular Gang
19'1" - 9" Spacing, Cushion Gang
22'9" Spacing, Cushion Gang

CALL US FOR IH DISK HARROW PARTS IN STOCK!

★ **WAIVER ON DISKS TILL 3/1/84!**

IH GRAIN DRILLS
• In Stock - Ready For Delivery •
18x7 Plain 16x7 Comb.
21x7 Plain, old Price!

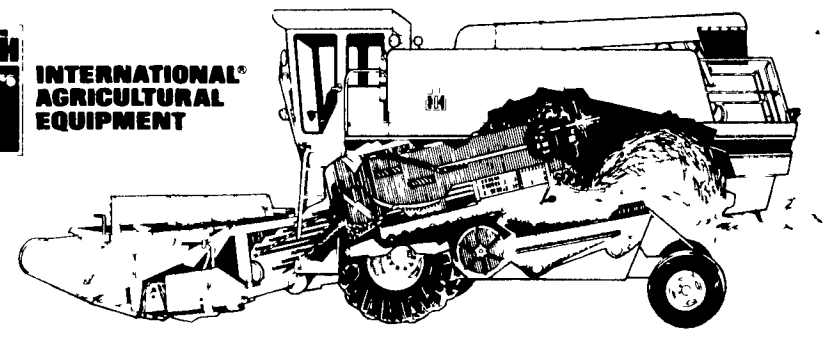
★ **WAIVER TILL 5/1/84!**

IH SUBSOILERS - IN STOCK
No. 14, Auto Reset, 5 Shanks
No. 10, 8'3, 3 Shanks

★ **WAIVER TILL 3/1/84!**

COMBINE HEADQUARTERS
★ Check With Us Before You Buy! ★

INTERNATIONAL® AGRICULTURAL EQUIPMENT



- ★ IH 1420 Combine
- ★ 963, 944 Heads In Stock! - Old Price Plus White Tag Special
- ★ 810 13' Cutter Bar
- ★ 810 15' Cutter Bar (Old Price!) - White Tag Special

★ **WAIVER TILL 9/1/84**
OR CASH REBATE!

We Specialize In
IH Combine Parts & Service!

We Ship Parts UPS, Parcel Post — Same Day!

Call For Stock Items

ERB & HENRY EQUIP., INC.

New Berlinville, PA. 19545
Ph: (215) 367-2169
Daily 7-5; Sat. 7-3

- ★ Farm Bilt Hay Wagons
- ★ John Blue Sprayers
- ★ Jamesway
- ★ Sprayer Parts headquarters
- ★ FMC Bean
- ★ DeLaval
- ★ Roskamp Roller Mills
- ★ Woods
- ★ Deutsch-Fahr Tedders In Stock
- ★ Grasshopper Mowers

★ Northwestern Skid Loader - Model S71 Gas - Demo, In Stock At Special Price!
Special Price On Diesel Unit Available On Factory Order - Call For Price!

We're An XL' Dealer!

Swope & Bashore

(Continued from Page 20)

William J. Varano and Larry L. Herr.

Receiving the International Harvester XL Dealer award in 1978, Swope and Bashore erected a new building during the same year at their original location along Route 645, six miles north of Myerstown.

By providing modern parts, service, and office facilities and doubling its floor space, Swope and Bashore has responded to the needs of a loyal and growing clientele.

The company counts plenty of experienced personnel among its 16-member work force, including Road Serviceman Guy Thierwechter, and Partsman Wally Mowrer, with a combined total of 75 years experience in I.H. parts and service.

Larry Herr announces that he'll be looking for everyone at the company's Open House from February 13 to 18, featuring equipment displays, refreshments, parts discounts, and special prices on wholegoods. Those who attend on Valentine's Day will have the opportunity to direct questions to several factory representatives scheduled to be on hand.

Gleason & Baker

(Continued from Page 18)

books, and, as of late 1983, Rick Allison in charge of sales.

Marvin Flynn, a former G&B employee under the previous partnership, is Jacob's Shop Foreman, with Woody Midgett managing the parts department.

Located near the New York border, Gleason & Baker has the opportunity to service many Steuben County, NY, I.H. customers, as well as farmers from nearby Potter County, PA.

Mansfield customer Wilbur Wood's sturdy mailbox post; a new I.H. 4186 4WD tractor, courtesy of Gleason & Baker, Elkland, PA.

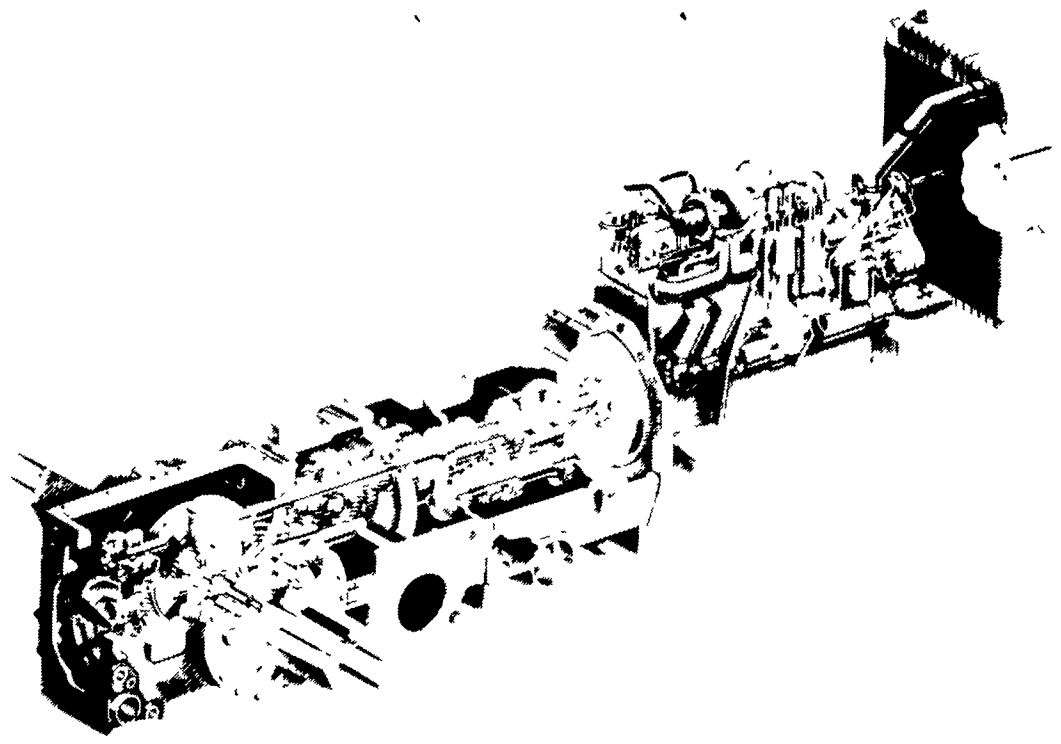
R.S. Hollinger

(Continued from Page 11)

the original Kauffman address of 113 West Main Street, in Mountville. With the newer of the two buildings in use as a showroom, parts department, office, and two shop bays, the original Kauffman building is now used as a warehouse.

Hollinger's remains a family-operated firm with Russel in charge of sales, LaMar as Shop Foreman for farm equipment, Lynn as Parts Supervisor, and Leonard as Shop Foreman for outdoor power products. Russel, himself, is Sales Manager and his wife Esther lends a hand in the office.

Russel invites everyone to attend R.S. Hollinger & Son, Inc.'s Open House on February 27 and 28, for a look at what the elder Hollinger feels to be International's finest product line yet.



Backed by a three-year or 2,500 hour warranty, the new performance-matched power train in International Harvester's 50 Series two-wheel drive farm tractors features a high-displacement, turbocharged IH diesel engine, and a fully synchronized, constant mesh, 18 speed transmission with precision ground helical gears. The power train also a hydraulic-powered mid-mount master clutch, a computer sensor which protests the power shift portion of the transmission, differential lock, independent PTO, planetary final drives and heavy duty axles. Its modular design packages the speed transmission, range transmission and final drives in a strong unitized design for longer life and easier serviceability.

International Harvester's new 150 h.p. 6588 and 130 h.p. 6388 2+2 tractors feature improved fuel efficiency and easier shifting and steering. Both are powered by large displacement six-cylinder diesels and have transmissions with 16 forward and eight reverse speeds. With these transmissions, the operator can power shift up or down on the go without declutching between 1 and 2, 3 and 4, 5 and 6, and 7 and 8.

Mifflinburg Farm Supply

(Continued from Page 8)

bays, as well as its own computerized accounting system.

Key management personnel include Sales Manager, Frank Saner, Service Manager, William Tallman, Parts Manager, Rick Smith, and accountant Lois Elliot. One of the firm's veteran employees is Albert Wolf, brother of the former owner, and an International Harvester serviceman with 30 years experience.

This year's Open House is scheduled for the week of March 15, with special savings on all parts and equipment. The week-long event includes Pancake Day, this year scheduled for March 6, featuring pancakes and sausage for everyone; an annual token of the firm's appreciation for its valued customers.

Pictured with Mifflinburg's Service Manager (L-R), Bill Tallman, are Bud Wolfe, Ron Miller, Keith Herman, and Don Getty, the firm's service technicians.

On a hot July day in 1831. Cyrus Hall McCormick demonstrated the world's first successful reaper. Only the McCormick family, some field hands, and a few neighbors were present for this event. None of those present could possibly have foreseen the changes the reaper would bring. With it, the farmer began his first step toward mechanized agriculture. Several years would pass before McCormick deemed his machine worthy of commercial sale. During that time, the reaper was improved considerably over the 1831 model. It was patented in 1834.

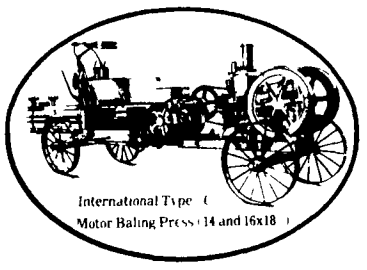
Revolution

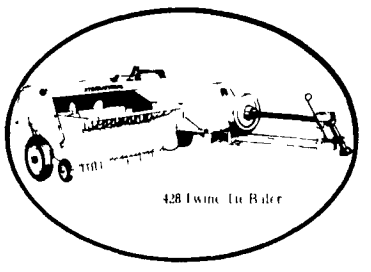
(Continued from Page 27)

changes in number and size of American farms and their need for equipment of ever-increasing capacity, the Company relocated its production in modern and efficient plants.

In 1952, the Fiber and Twine Division moved its manufacturing operations to a newly built, modern plant in New Orleans, and the old McCormick Twine Mill, in Chicago, was disposed of. The new location made possible important economies in the transportation of raw fiber to the mill and in the distribution of the finished twine.

In 1965 the division introduced a new rotproof, plastic twine pat is lighter and stronger than sisal twine. Although it may not wholly replace sisal twine, it will free the Company from the uncertainties of the world sisal market. Dairy and refrigeration equipment had for many years been an important sector of International Harvester's farm equipment line. In 1907 the Company had introduced a quality line of cream separators, and milking machines in 1929. In 1935 it began the production of farm milk coolers and large wald-in coolers for the preservation of all perishable products of the farm.





Cooper Hardware traces roots back to 1880's

The well-known Cooper's Hardware Store originated in the mid-1880's when two Montour County brothers, John E., and Lloyd Krumm decided to open a hardware store in Turbotville.

Lloyd Krumm remained with the firm only a short time, selling his interest to Elmer B. Derr. The new partnership of Krumm and Derr soon added farm implements to their line.

On April 18, 1910, Krumm and Derr sold their propertly and stock to S.E. Hartley and Roscoe S. Blaine, who remained in business until 1936 when the business was sold to S. Lee Menges.

In 1941, Menges sold out to Donald C. Cooper who added International Harvester and gave the Main Street, Turbotville, firm the name which has endured for 43 years.

Donald Cooper did much to further the growth of Cooper Hardware, modernizing the original Krumm and Derr building, erecting an addition and adding a large parking lot. In 1973 Cooper incorporated, appointing his son D. Blaine Cooper as manager three years before the elder Cooper's death in 1978.

With Blaine's wife, Diana Y. Cooper, acting as Secretary-Treasurer, other Cooper employees including Vice-President Julia Ann Howell, Shop Foreman Charles Keener, Parts Manager James Delany, and Salesman Fred N. Bower, a veteran I.H. employee with 30 years of service. And Blaine, himself, with 23 years of I.H. experience behind him, is well suited to carry on the Cooper tradition of quality International sales and service.

The 90 horsepower model 3288 30 Series tractor shown above is powered by an IH 358 cubic inch naturally aspirated diesel engine. The 30 Series' easy shifting transmission has 16 forward and 8 reverse speeds operated with right hand controls. Completing the 30 Series line is a 113 horsepower model 3688 tractor, at 112 hp 3488 Hydro, and an 80 hp 3088 model, the four tractors in this series serve the U.S. 80-120 horsepower segment of the tractor market.

SPECIAL

ON NEW IH TRACTORS

- 584
- 684
- 784
- 234 • 244

NEW IH PLOWS

- 510 4 btm., 18"
- 725 5 btm., 18"
- 5513 Chisel Plow, 3 Shank, 13 Ft.
- 4500 Vibra Shank, 12 Pt., 5 Ft.

NEW IH DISK HARROWS

- Model 350, 11 Ft., 6"
- Model 370, 12 Ft., 8"

NEW IH DRILLS

- Model 5100, 16x7 Plain
- Model 5100, 16x7 Combination
- Model 5100, 18x7 Plain
- Model 5100, 18x7 Combination

NEW IH PLANTERS IN STOCK

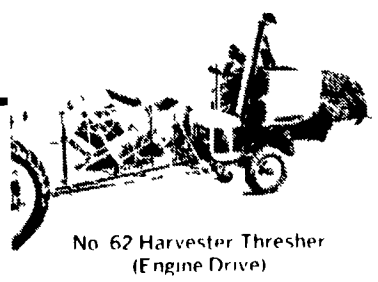
USED EQUIPMENT

- (1) IH Model 1150 Grinder Mixer (Very Good)
- (1) NH Model 354 Grinder Mixer (Excellent)

USED CADETS

- Model 106, 10 H.P., w/42" Mower Standard
- Model 107, 10 H.P., w/42" Mower, Hydra
- Model 147, 14 H.P., w/48" Mower, Hydra
- Model 1250, 12 H.P., w/44" Mower, Hydra

SPECIAL
120 Forage Box w/Int. Running Gear


No. 62 Harvester Thresher (Engine Drive)

COOPER'S HDWE., INC.

241 Main St.
Turbotville, PA 17772
(717) 649-5115

YOUR IH DEALER:
HELPING LOCAL COMMUNITIES GROW...

How long has it been since you witnessed a young 4-H or F.F.A. member's pride overflow in winning that first place trophy or top showmanship award? Chances are, your local IH dealer was behind the scenes supplying local support, whether it be equipment for the tractor driving contest, or sponsoring a trophy or plaque to that deserving winner in the many award categories at your local Junior Fair. Not only has winning the "Blue Ribbon" become more challenging due to recently improved genetics and management skills, but supplying modern farm equipment to past and present generations of 4-H and F.F.A. members is also "a great responsibility". We, your local IH community leaders wish to thank you for giving us the opportunity to be an important part of your family's family history and we are excited about what the future holds for the young farmers of tomorrow----

SEE YOUR LOCAL IH DEALER TODAY

PENNSYLVANIA

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BULL INTERNATIONAL, INC.
Washington, PA 15301
412-222-0450

C & W EQUIPMENT
Carlisle, PA 17013
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CHAMBERSBURG FARM SERVICE, INC.
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717-264-3533
717-597-8811
717-532-8800
and
MELROSE FARM SERVICE
Greencastle, PA 17225
717-597-3138

COOPERS HDWE., INC.
Turbotville, PA 17772
717-649-5115

W.C. CRYTZER EQUIP. INC.
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412-543-2441

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Cochranton, PA 16315
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GLEASON & BAKER
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Orangeville, PA 17059
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LIGONIER SALES & SVC.
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State College, PA 16801
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FARM-RITE, INC.
Shiloh, NJ 08353
609-451-1368

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Rising Sun, MD 21911
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DELAWARE

HOOBER EQUIP. CO., INC.
Middletown, Del. 19709
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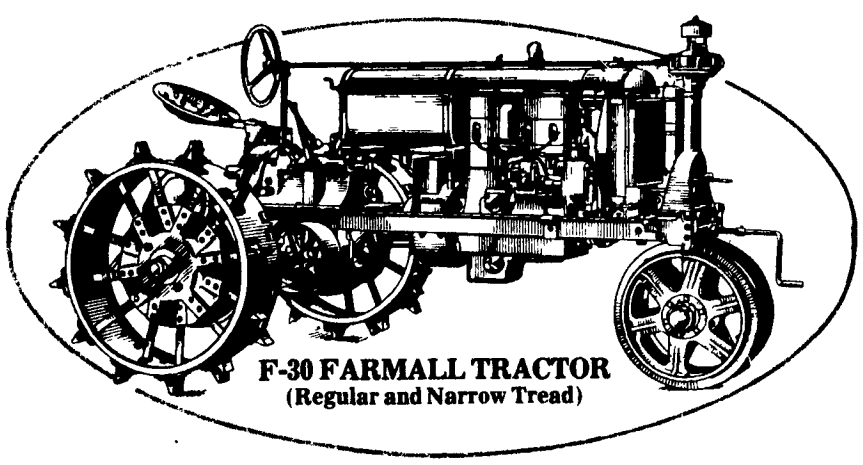
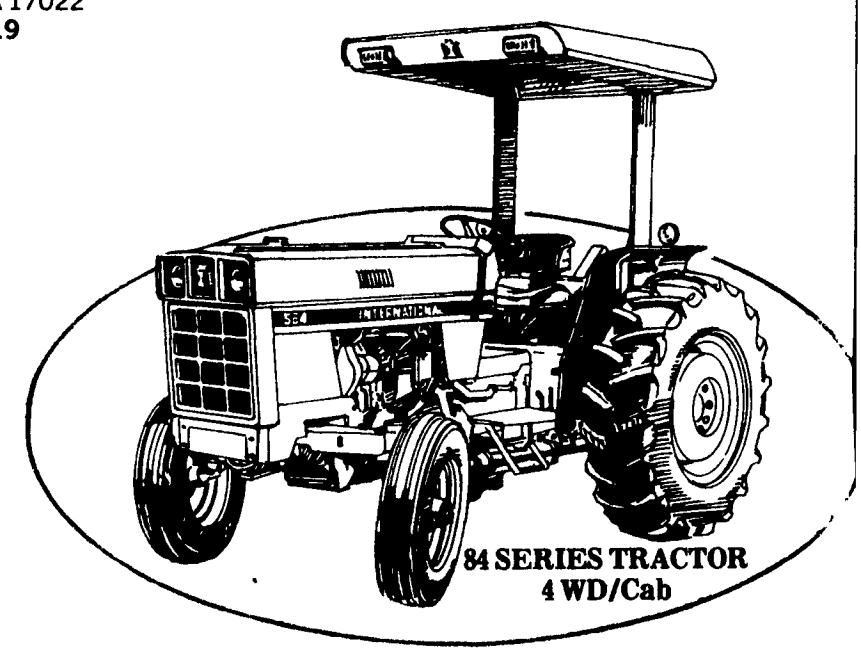


F-30 FARMALL TRACTOR
(Regular and Narrow Tread)



84 SERIES TRACTOR
4 WD/Cab